

Forty-Eighth Annual Report

OF THE

INSPECTORS OF PRISONS AND PUBLIC CHARITIES

UPON THE

Hospitals for the Insane

OF THE

PROVINCE OF ONTARIO

Being for the Year ending 31st October

1915

---

PRINTED BY ORDER OF  
THE LEGISLATIVE ASSEMBLY OF ONTARIO

---



TORONTO:

Printed and Published by A. T. WILGRESS, Printer to the King's Most Excellent Majesty

1916

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WILLIAM BRIGGS  
Corner Queen and John Streets  
TORONTO





PARLIAMENT BUILDINGS,  
TORONTO, January 22nd, 1916.

*To His Honour JOHN STRATHEARN HENDRIE, C.V.O.,  
Lieutenant-Governor of the Province of Ontario.*

MAY IT PLEASE YOUR HONOUR:

I beg to submit herewith the Forty-eighth Annual Report upon the Hospitals for the Insane of Ontario, being for the official year ending on the 31st October, 1915.

I have the honour to be,

Your Honour's most obedient servant,

W. J. HANNA,  
*Provincial Secretary.*



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OFFICE OF THE  
INSPECTOR OF PRISONS AND PUBLIC CHARITIES, ONTARIO.  
PARLIAMENT BUILDINGS,

Toronto, January 15th, 1916.

SIR,—We have the honour to transmit herewith, to be presented to His Honour the Lieutenant-Governor, the Forty-eighth Annual Report upon the Hospitals for the Insane of Ontario, being for the official year ending 31st October, 1915.

We have the honour to be, Sir,

Your obedient servants,

EDWIN R. ROGERS,  
W. W. DUNLOP,

*Inspectors.*

THE HONOURABLE W. J. HANNA, M.P.P.,  
Provincial Secretary of the Province of Ontario,  
Toronto.

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# REPORT

*Of Edwin R. Rogers and W. W. Dunlop, Inspectors of Prisons and Public Charities for the year ending October 31st, 1915.*

## GENERAL.

On 31st October, exclusive of insane patients in the Homewood Sanitarium at Guelph, there were in the Hospitals for the Insane of Ontario 6,040 insane persons divided as follows:

Males . . . . .	2,924
Females . . . . .	3,116
	<hr/>
	6,040

The net increase in the population for the year was 54.

## MOVEMENT OF PATIENTS.

The daily average number of patients in the Provincial Hospitals for the Insane during the year was 5,972, an increase of 53.

The total number of admissions was 1,304, a decrease of 47.

The total number of deaths was 515, an increase of 101.

The total number of discharges was 634, a decrease of 109.

## REVENUE.

There has been an increase from paying patients as follows:

1914 . . . . .	\$205,649.41
1915 . . . . .	225,178.83
	<hr/>
Increase . . . . .	\$7,025.41

From Farm and Miscellaneous:

1914 . . . . .	\$4,635.55
1915 . . . . .	4,523.65
	<hr/>
Decrease . . . . .	\$111.90

Collection from the municipalities under the provisions of 6 Edward VII, chap. 8, as follows:

1914 . . . . .	\$122,647.19
1915 . . . . .	124,443.10
	<hr/>
Increase . . . . .	\$1,795.91

making a total increase in revenue of \$8,821.32.



## DEPORTATIONS.

During the year ending Oct. 31st, 1915, 193 persons have been deported:

Number of Insane .....	19
Number of Criminals .....	128
Number likely to become a public charge .....	46

---

193

Owing to the war deportations cannot be made to several European countries which explains a decrease.

In all the institutions needed improvements have been made.

*Brockville*—a new boiler room has been built and an additional boiler installed. A cement and stone bridge has been built crossing the creek at Stagg Farm.

*Hamilton*—a canning factory was opened and the necessary machinery installed. A building composing fruit storage, poultry building and drive shed has been completed. A large amount of land tile has been placed throughout the farm orchard and garden.

*Kingston*—steam heating has been installed in the various cottages. Improvements have been made in the windows. The wards will be better lighted and ventilated than in the past.

*Mimico*—The buildings at the North Farm and the Brick Making Plant have been connected with the water system at the Main Building.

*London*—Connection has been made with the water main of the City of London, which ensures an abundant supply in case of fire. The hot water system has been greatly improved during year in Hospital and cottages.

## RECEPTION HOSPITAL.

The admissions to this Hospital have been greatly increased.

Admitted during the year .....	526
Admitted from home .....	390
Admitted from Court .....	136

## MOVEMENT OF PATIENTS.

Discharged . . . . .	304
Died . . . . .	20
On probation .....	1
Transferred . . . . .	168
In residence .....	33

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EDWIN R. ROGERS,  
W. W. DUNLOP,

*Inspectors.*

TABLE

Showing movements of patients in the Hospital

	Brockville Hospital.			Cobourg Hospital.			Hamilton Hospital.			Kingston Hospital.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital.....	356	348	704	160	160	320	656	639	1,295	311	268	579
In Residence, Oct. 31st, 1914..	364	367	731	155	155	310	646	629	1,275	311	267	578
Admitted during year 1915:—												
By Warrant .....	4	.....	4	5	5	10	66	29	95	11	1	12
By Medical Certificate...	83	92	175	7	7	14	70	69	139	69	55	124
Voluntary.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....
Total number under treatment during year.....	451	459	910	167	167	334	782	728	1,510	391	323	714
Discharges during year:—												
As recovered.....	27	17	44	.....	.....	.....	15	15	30	26	27	53
As improved.....	16	27	43	.....	.....	.....	31	43	74	19	14	53
As unimproved.....	1	2	3	.....	.....	.....	.....	.....	.....	.....	1	1
As not insane.....	.....	1	1	.....	.....	.....	.....	.....	.....	3	.....	3
Total number discharged during year.....	44	47	91	.....	.....	.....	46	58	104	48	42	90
Died .....	30	25	55	6	6	12	61	41	102	29	28	57
Deported .....	.....	1	1	.....	.....	.....	3	1	4	2	1	3
Eloped .....	6	.....	6	.....	.....	.....	4	.....	4	3	.....	3
Transferred .....	.....	.....	.....	1	1	2	.....	.....	.....	.....	.....	.....
Total number admitted since opening of Hospital....	1,540	1,511	3,051	325	325	650	3,374	3,265	6,639	2,818	2,388	5,206
Total number discharged since opening of Hospital....	557	629	1,186	8	8	16	1,255	1,428	2,683	1,280	1,139	2,419
Total number died since opening of Hospital.....	524	412	936	118	118	236	1,081	945	2,026	890	692	1,582
Total number deported since opening of Hospital....	10	7	17	2	2	4	47	8	55	10	3	13
Total number eloped since opening of Hospital....	51	2	53	.....	.....	.....	113	9	122	85	1	86
Total number transferr'd since opening of Hospital....	27	75	102	37	37	74	210	247	457	244	301	545
Total remaining in Hospital, Oct. 31st, 1915.....	371	386	757	160	160	320	668	628	1,296	309	252	561
Number of applications on fyle	.....	.....	.....	.....	.....	.....	7	4	11	4	2	6
Daily average population ....	376	391	767	158	158	316	651	633	1,284	312	257	569
Collective days' stay of all patients in residence during year. }	137,238	142,871	280,109	57,761	57,761	115,522	237,552	231,194	468,746	113,909	93,837	207,746

No. 1.

for the year ending October 31st, 1915.

London Hospital.			Mimico Hospital.			Penetang Hospital.			Toronto Hospital.			Totals.		
Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
511	555	1,066	340	320	660	166	203	369	426	426	852	2,766	2,919	5,685
537	600	1,137	360	340	700	163	202	365	501	544	1,045	2,882	3,104	5,986
28	9	37	50	23	73	18	11	29	59	17	76	236	95	331
79	105	184	41	34	75	3	3	6	108	154	262	453	519	972
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1
644	714	1,358	451	387	848	184	216	400	668	715	1,383	3,571	3,719	7,290
27	30	57	12	11	23	.....	.....	.....	39	47	86	146	147	293
17	20	37	29	17	46	.....	.....	.....	37	45	82	149	166	315
2	8	10	1	.....	1	.....	.....	.....	3	3	6	7	14	21
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	3	2	5
46	58	104	42	28	70	.....	.....	.....	79	96	175	305	329	634
51	48	99	39	24	63	18	7	25	54	54	108	282	233	515
1	.....	1	1	2	3	1	.....	1	3	4	7	11	9	20
1	.....	1	5	.....	5	1	.....	1	6	3	9	26	3	29
1	.....	1	14	9	23	.....	5	5	8	14	22	23	29	52
3,889	3,576	7,465	1,781	1,630	3,411	289	351	640	6,391	6,139	12,530	20,082	19,185	39,267
1,664	1,613	3,277	577	529	1,116	17	22	39	3,178	3,300	6,478	8,528	8,668	17,196
1,285	1,091	2,376	517	439	956	78	101	179	1,733	1,410	3,143	6,108	5,208	11,316
13	4	17	44	9	53	9	.....	9	111	43	154	286	57	343
137	16	153	43	1	44	9	.....	9	153	24	177	591	53	644
246	244	490	250	318	568	12	24	36	698	818	1,516	1,687	2,064	3,751
544	608	1,152	350	334	684	164	204	368	518	544	1,062	2,924	3,116	6,040
1	4	5	23	26	49	.....	.....	.....	12	8	20	47	44	91
535	594	1,129	346	332	678	163	201	364	501	522	1,023	2,884	3,088	5,972
199,348	222,159	421,507	126,102	121,206	247,308	59,393	73,476	132,869	182,865	190,530	373,395	1,056,407	1,133,034	2,189,441

TABLE No. 2.

Showing social state and religion of patients admitted during the year and since the opening of the Hospital.

—	Admissions of Year.	In residence.	Admissions since opening.
<b>SOCIAL STATE.</b>			
Single.....	659	3,492	19,127
Married.....	585	2,255	19,411
Widowed.....	57	270	651
Divorced.....	3	3	9
Separated.....	.....	1	17
Unascertained.....	.....	19	52
Total.....	1,304	6,040	39,267
<b>RELIGION.</b>			
Baptists.....	74	279	1,671
Congregationalists.....	10	40	316
Church of England.....	253	1,176	8,555
Methodists.....	277	1,347	8,699
Presbyterians.....	207	1,084	7,681
Roman Catholics.....	277	1,363	8,281
Other Denominations.....	125	498	2,737
Unascertained.....	81	253	1,327
Totals.....	1,304	6,040	39,267



TABLE No. 3.

Showing nativity of patients admitted during the year and since the opening of the Hospital.

Nativity.	Admissions of Year.	Admissions since opening.
Total born in Canada .....	868	23,532
Armenia .....		1
Assyria .....		14
Austria .....	12	59
Australia .....	2	4
Belgium .....		
Bulgaria .....	4	8
China .....		7
Denmark .....		8
England .....	181	5,081
France .....		33
Finland .....	16	57
Galicia .....	3	6
Germany .....	18	258
Greece .....	1	4
Holland .....	1	5
Hungary .....	2	9
Ireland .....	48	5,180
Italy .....	8	70
Japan .....		
Macedonia .....	5	9
Other British Possessions .....	3	223
Norway .....	1	16
Roumania .....		12
Russia .....	28	162
Scotland .....	48	2,478
South America .....	4	8
Switzerland .....	2	9
Sweden .....	7	47
Turkey .....	1	6
United States .....	24	1,038
West Indies .....	3	16
Unascertained and other countries .....	14	907
Totals .....	1,304	39,267

TABLE No. 4.

Showing the occupation of those admitted during the year and since the opening of the Hospital.

Occupation.	Brockville Hospital.	Cobourg Hospital.	Hamilton Hospital.	Kingston Hospital.	London Hospital.	Mimico Hospital.	Penetanguishene Hospital.	Toronto Hospital.	Admitted this year.	Since opening.
<b>Professional:—</b>										
Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engineers, Surveyors, etc.....	5	.....	4	7	8	2	.....	4	30	629
<b>Commercial:—</b>										
Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typewriters, etc.....	17	....	16	6	15	8	1	35	98	1,961
<b>Agricultural and Pastoral:—</b>										
Farmers, Gardeners, Stock Men, etc.	13	....	28	22	35	29	3	7	137	5,937
<b>Mechanics at Outdoor Vocations:—</b>										
Railway and Stationary Engineers. Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc. ....	14	....	20	5	29	9	1	24	102	1,903
<b>Mechanics, etc., at Sedentary Vocations:—</b>										
Shoemakers, Bookbinders, Com- positors, Weavers, Tailors, Seam- stresses, Bakers, Factory Work- ers, etc. ....	7	....	26	4	6	12	....	30	85	2,476
<b>Domestic Service:—</b>										
Walters, Cooks, Servants, etc.....	13	2	7	8	5	4	7	27	73	3,826
<b>Education and Higher Domestic Duties:</b>										
Governesses, Teachers, Students, Housekeepers, Nurses, etc.....	75	6	75	38	78	44	4	92	412	11,673
<b>Miners, Marine Engineers, Railway</b>										
Employees, Seamen, etc.....	....	....	7	4	....	....	2	2	15	389
<b>Laborers</b> .....	35	....	35	18	18	34	13	58	211	5,575
<b>No Occupation</b> .....	....	3	16	21	27	4	4	56	131	2,452
<b>Unascertained</b> .....	....	1	1	3	....	2	....	3	10	2,446
<b>Totals</b> .....	179	12	235	136	221	148	35	338	1,304	39,267



TABLE No. 5.

Showing the Counties and Districts from which patients have been admitted during the year ending October 31st, 1915, and the Hospitals they were assigned to.

Counties and Districts.	Number received under warrant process.	Number received from private houses by medical certificates.	Total number received from respective counties during the year.	Assigned to Brockville Hospital.	Assigned to Cobourg Hospital.	Assigned to Hamilton Hospital.	Assigned to Kingston Hospital.	Assigned to London Hospital.	Assigned to Mimico Hospital.	Assigned to Penetang Hospital.	Assigned to Toronto Hospital.
Algoma District.....	10	4	14			1		2	7	4	....
Brant.....	3	11	14			14					....
Bruce.....	7	9	16			1		15			....
Carleton.....	2	64	66	64			2				....
Dufferin.....	2	2	4			4					....
Dundas.....		9	9	9							....
Durham.....	2	4	6		1		4		1		....
Elgin.....		13	13					13			....
Essex.....	10	21	31					31			....
Frontenac.....	1	40	41	1			40				....
Glengarry.....		7	7	7							....
Grenville.....		9	9	9							....
Grey.....	5	17	22			20	1		1		....
Haldimand.....	2	8	10			10					....
Halton.....	3	8	11			11					....
Hastings.....	2	20	22				21			1	....
Huron.....	2	17	19					17			2
Kent.....	2	21	23					23			....
Kenora.....			1			1					....
Lambton.....	5	13	18					18			....
Lanark.....		16	16	15			1				....
Leeds.....		36	36	32			4				....
Lennox and Addington...	1	14	15				15				....
Lincoln.....	1	7	8			8					....
Manitoulin.....	1		1						1		....
Middlesex.....	6	55	61			1		60			....
Muskoka District.....	2	3	5			1			3		1
Nipissing District.....	17	9	26			3		1	21	1	....
Norfolk.....		14	14			14					....
Northumberland.....	5	8	13	1	1		11				....
Ontario.....	10	13	23	1	1	1	1		17	1	1
Oxford.....	4	17	21			1		20			....
Parry Sound District....	7	10	17			2			12	2	1
Peel.....			7						7		....
Perth.....	2	17	19			1		18			....
Peterborough.....	7	11	18				1		16	1	....
Prescott.....	2	5	7	7							....
Prince Edward.....		4	4				4				....
Rainy River District.....	6		6						5	1	....
Renfrew.....		22	22	5	1		16				....
Russell.....		9	9	9							....
Simcoe.....	8	21	29					1	22	6	....
Sudbury.....	5		5			5					....
Stormont.....		14	14	14							....
Temiskaming.....			1	1							....
Thunder Bay District....	27	7	34	2		6		1	19	5	1
Victoria and Haliburton..	8	4	12			1			11		....
Waterloo.....	4	12	16			14	1				1
Welland.....	8	15	23			23					....
Wellington.....	2	11	13		1	12					....
Wentworth.....	42	34	76			76					....
York.....	96	267	363	2	7	4	1	1	5	12	331
Unascertained.....		14	14				13			1	....
Totals.....	329	975	1,304	179	12	235	136	221	148	35	338

TABLE No. 5a.

Showing the counties and districts from which the entire number of patients admitted to the Hospitals have been received, including the admissions of the present year; also the counties and districts from which the patients remaining in residence the 31st October, 1915, were originally admitted.

Counties and Districts.	Admissions of the year.	Total admissions.	Patients in residence 31st October, 1915.								Total.
			Brockville Hospital.	Colbourn Hospital.	Hamilton Hospital.	Kingston Hospital.	London Hospital.	Mimico Hospital.	Penetang Hospital.	Toronto Hospital.	
Algoma District.....	14	260	.....	.....	6	.....	2	36	19	6	69
Brant.....	14	599	.....	1	87	.....	5	2	2	1	98
Bruce.....	16	619	1	1	5	.....	112	1	5	3	128
Carleton.....	66	1,421	236	.....	2	38	.....	1	3	1	281
Dufferin.....	4	165	.....	.....	29	.....	.....	3	2	2	36
Dundas.....	9	274	25	1	.....	4	.....	2	.....	.....	32
Durham.....	6	543	2	8	1	9	1	9	.....	12	42
Elgin.....	13	631	.....	2	1	.....	79	1	5	2	90
Essex.....	31	576	3	.....	4	.....	100	.....	1	1	109
Frontenac.....	41	1,397	10	7	10	117	.....	1	4	1	150
Glenegarry.....	7	350	35	.....	.....	10	.....	.....	.....	1	46
Grenville.....	9	410	42	.....	2	3	.....	.....	.....	1	48
Grey.....	22	756	.....	6	119	2	8	9	11	3	158
Haldimand.....	10	387	1	.....	51	.....	.....	1	.....	.....	53
Halton.....	11	419	1	1	43	.....	1	3	.....	2	51
Hastings.....	22	909	9	4	.....	87	.....	1	3	2	107
Huron.....	19	923	2	2	2	.....	123	.....	3	7	139
Kent.....	23	653	2	1	2	.....	108	2	.....	.....	115
Kenora.....	1	1	.....	.....	1	.....	.....	.....	.....	.....	.....
Lambton.....	18	858	3	1	2	.....	103	1	1	2	113
Lanark.....	16	683	71	1	.....	13	.....	.....	1	.....	86
Leeds.....	36	660	98	.....	1	11	.....	.....	1	1	112
Lennox and Addington.....	15	479	3	1	.....	41	.....	.....	3	1	49
Lincoln.....	8	576	1	4	52	.....	.....	1	.....	1	59
Manitoulin.....	1	15	.....	.....	.....	.....	.....	7	.....	.....	7
Middlesex.....	61	2,179	2	7	6	1	286	4	3	1	310
Muskoka District.....	5	186	.....	.....	4	.....	.....	12	13	2	31
Nipissing District.....	26	257	1	2	10	1	1	67	3	2	87
Norfolk.....	14	420	.....	.....	51	1	.....	.....	2	.....	54
Northumberland.....	13	789	3	7	2	66	.....	3	9	9	99
Ontario.....	23	852	2	9	8	2	1	51	22	16	111
Oxford.....	21	747	1	.....	5	.....	92	2	2	5	107
Parry Sound District.....	17	131	.....	.....	5	.....	.....	31	3	3	42
Peel.....	7	504	1	1	8	.....	.....	33	4	8	55
Perth.....	19	765	3	1	8	.....	100	2	1	.....	115
Peterborough.....	18	575	1	7	.....	6	.....	63	7	8	92
Prescott.....	7	317	52	.....	2	3	.....	.....	2	.....	59
Prince Edward.....	4	288	.....	1	.....	36	1	1	.....	1	40
Rainy River District.....	6	79	.....	.....	2	.....	.....	14	6	.....	22
Renfrew.....	22	544	12	2	.....	66	.....	.....	3	1	84
Russell.....	9	131	39	.....	1	1	.....	.....	.....	.....	41
Simcoe.....	29	1,197	2	4	23	.....	5	89	68	14	205
Sudbury.....	5	5	.....	.....	1	.....	.....	.....	.....	.....	1
Stormont.....	14	454	59	1	4	4	.....	.....	1	2	71
Temiskaming.....	1	1	1	.....	2	.....	.....	.....	.....	.....	3
Thunder Bay District.....	34	83	2	1	11	1	2	35	9	2	53
Victoria and Haliburton.....	12	709	.....	5	4	5	.....	59	10	6	89
Waterloo.....	16	575	1	.....	117	1	2	1	1	7	130
Welland.....	23	554	2	.....	78	2	.....	1	1	5	89
Wellington.....	13	974	.....	3	129	.....	3	1	5	5	146
Wentworth.....	76	2,312	3	4	342	4	4	2	7	5	371
York.....	363	8,524	23	63	46	12	10	131	107	906	1,298
Unascertained.....	14	548	2	1	6	14	2	1	15	4	45
New Brunswick.....	.....	2	.....	.....	1	.....	.....	.....	.....	.....	1
United States.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	1,304	39,267	757	160	1,296	561	1,152	684	368	1,062	3,040

TABLE No. 6.

Showing the assigned causes of insanity in the cases admitted during year.

Causes.	Men.	Women	Total.	Inherited Predisposition.			Un-ascertained
				Men.	Women.	Total.	
MORAL.							
Adverse Conditions (such as loss of friends, business troubles, etc.).....	47	21	68	10	10	20	30
Mental Strain, Worry and Overwork (not included in above).....	55	56	111	20	22	42	43
Religious Excitement .....	3	4	7	.....	3	3	2
Love Affairs, including seduction.....	5	5	10	3	3	6	2
Fright and Nervous Shock.....	2	8	10	1	2	3	5
PHYSICAL.							
Alcoholism .....	69	10	79	20	6	26	26
Sexual Excess .....	3	.....	3	1	.....	1	2
Venereal Diseases .....	12	6	18	1	.....	1	12
Masturbation .....	6	.....	6	.....	.....	.....	3
Insolation .....	5	1	6	2	.....	2	1
Accident or Injury .....	15	3	18	2	.....	2	8
Pregnancy .....	.....	4	4	.....	2	2	1
Parturition and Puerperium.....	.....	20	20	.....	8	8	7
Lactation .....	.....	.....	.....	.....	.....	.....	.....
Climacteric Period .....	.....	17	17	.....	8	8	4
Fevers .....	1	1	2	.....	.....	.....	6
Privation and Overwork.....	6	19	25	3	7	10	12
Epilepsy .....	23	23	46	5	5	8	5
Other Convulsive Diseases.....	1	.....	1	.....	.....	.....	1
Diseases of Brain and Skull.....	4	.....	4	2	.....	2	2
Senility .....	38	59	97	8	12	20	16
Exophthalmic Goitre .....	.....	.....	.....	.....	.....	.....	.....
Epidemic Influenza .....	.....	.....	.....	.....	.....	.....	.....
Abuse of Drugs.....	4	4	8	2	.....	2	1
Loss of Special Sense.....	1	.....	1	.....	.....	.....	1
Uræmia .....	.....	1	1	.....	.....	.....	.....
Other Auto-infection .....	.....	5	5	.....	1	1	.....
Other Bodily Diseases.....	11	14	25	4	12	16	9
HEREDITARY.							
Congenital Defect .....	60	65	125	36	44	80	22
Unascertained .....	314	268	682	228	201	229	345
Not Insane .....	4	1	5	3	1	4	.....
Totals .....	689	615	1,304	379	362	741	563

TABLE No. 7.

Showing hereditary tendency to insanity in patients admitted during the year.

	Admitted During Year.		
	Male.	Female.	Total.
Paternal Branch.....	60	53	113
Maternal Branch .....	42	48	90
Paternal and Maternal Branches .....	19	24	43
Collateral Branches.....	54	54	108
No hereditary tendency .....	171	158	329
Unascertained .....	340	278	618
Not insane.....	3	.....	3
Totals.....	689	615	1,304

TABLE No. 8.

Showing summary of probational discharges during the year.

	Male.	Female.	Total.
Number Granted Probational Discharge.....	290	358	648
Discharged, Recovered while on Probation.....	81	109	189
"    Improved    "    "    .....	75	105	180
"    Unimproved    "    "    .....	3	7	10
Died.....	.....	2	2
Returned to Hospital.....	72	74	146
Absent on Probation on October 31st, 1915.....	58	60	118
Not Insane.....	1	1	2



TABLE No. 9.

Showing the causes of death of patients who died during the year ending October 31st, 1915.

Cause of Death.	Brockville Hospital.	Cobourg Hospital.	Hamilton Hospital.	Kingston Hospital.	London Hospital.	Mimico Hospital.	Penetang Hospital.	Toronto Hospital.	Total.
Specific Infectious Diseases:—									
Typhoid Fever .....				1				1	2
Influenza .....			1				1		2
Cerebro-spinal Meningitis .....									
Diphtheria .....									
Erysipelas .....			3	1					4
Septicæmia .....	1		2		1	1		1	6
Dysentery .....	1	1	3		1			1	7
Syphilis .....								1	1
Tuberculosis .....	10	2	12	12		9	7	10	62
Toxemia .....								1	1
Jaundice .....									
Constitutional Diseases:—									
Rheumatism .....									
Arthritis Deformans .....									
Diabetes Mellitus .....			1						1
Diseases of the Digestive System:—									
Mouth, salivary glands .....									
Pharynx .....									
Tonsils .....							1		1
Œsophagus .....									
Enteritis .....			1	1				1	3
Diseases of the Intestines:—									
Diseases of the Liver .....			1	2				1	4
Diseases of the Pancreas .....								1	1
Diseases of the Peritoneum .....					2	1	1	3	7
Intestinal obstruction .....			3						3
Diseases of the Respiratory System:—									
Diseases of the Nose and Larynx .....									
“ “ Bronchi .....									
“ “ Lungs .....	1	2	13	4	37	3	6		66
“ “ Pleura .....					1			6	7
Diseases of the Circulatory System:—									
Diseases of the Pericardium .....						1			1
“ “ Heart .....	7	1	5	5	10	5	1	6	40
Arterio-sclerosis .....			1	5	13	2	2	3	26
Aneurism .....									
Diseases of the Blood and Ductless Glands:—									
Anæmia .....									
Pernicious Anæmia .....			1	1		1			3
Leucæmia .....									
Exophthalmic Goitre .....									
Diseases of the Genito-Urinary System...			1	1			3	4	9
Carried forward .....	20	6	48	33	65	23	22	40	257

TABLE No. 9—*Continued.*

Showing the causes of death of patients who died during the year ending October 31st, 1915.

Cause of Death.	Brockville Hospital.	Cobourg Hospital.	Hamilton Hospital.	Kingston Hospital.	London Hospital.	Mimico Hospital.	Penetang Hospital.	Toronto Hospital.	Total.
Brought forward.....	20	6	48	33	65	23	22	40	257
Diseases of the Nervous System:—									
Diseases of the Nerves.....						1	1		2
“ “ Spinal Cord.....	1					3			4
“ “ Meninges.....	1								1
Organic Diseases of the Brain, (Tumor, Abscess, Embolism, Thrombosis, Hemorrhage, and other gross lesions).....	1		8	1	3	5	2	1	21
Functional Nervous Diseases, (Paralysis Agitans, Chorea, Eclampsia, Hysteria).....			1		1	1			3
Epilepsy.....	1		1	2	5	9		3	21
Mental Diseases:—									
Exhaustion of Acute Mental Dis- ease.....	5		7	2	1	3		10	28
Exhaustion of Chronic Mental Dis- ease.....	7		13	3		3			26
General Paresis.....	3		9	6	16	6		25	65
Intoxications:—									
Alcoholism.....									
Morphinism.....									
Metallic Poisoning.....									
Heat Stroke.....									
Debility of Old Age.....	14		11	3	5	7		24	64
Accident.....					1				1
Suicide.....			2	2				1	5
Surgical Diseases.....	1								1
Gynæcological Diseases.....						1			1
Malignant New Growths, or Cancer.....	1		2	4	2	1		4	14
Pellagra.....									
Unknown (died on probation).....				1					1
Totals.....	55	6	102	57	99	63	25	108	515



TABLE No. 10.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
<b>Infection Psychoses —</b>									
(a) Fever Delirium.....	1	...	1	...	...	...	...	...	...
(b) Infection Delirium.....	...	2	2	...	6	6	...	1	1
(c) Post Infection Psychoses.....	1	5	6	...	1	1	...	...	...
<b>Exhaustion Psychoses :—</b>									
(a) Collapsed Delirium.....	4	13	17	1	5	6	...	8	8
(b) Acute Confusional Psychoses.....	4	13	17	6	10	16	2	5	7
(c) Neurasthenia.....	7	2	9	5	2	7	...	...	...
(d) Psychasthenia .....	1	...	1	...	...	...	...	...	...
<b>Intoxication Psychoses :—</b>									
(a) Acute Intoxications.....	11	2	13	5	1	6	2	...	2
(b) Chronic “.....	...	2	2	...	...	...	...	...	...
(a) Alcoholism (acute and chronic).....	25	1	26	37	2	39	2	...	2
(b) Delirium Tremens.....	4	...	4	1	...	...	...	...	...
(c) Korsakow's Psychoses.....	3	...	3	...	...	...	1	...	1
(d) Acute Alcoholic Hallucinosiis .....	5	1	6	...	...	...	...	...	...
(e) Alcoholic Hallucinatory Dementia.....	1	...	1	...	...	...	...	...	...
(f) “ Paranoia.....	6	...	6	...	...	...	2	...	2
(g) “ Paresis.....	...	...	...	...	...	...	1	...	1
(h) Morphinism.....	3	2	5	3	2	5	...	...	...
(i) Cocainism .....	1	...	1	2	...	2	...	...	...
(j) Pelagra.....	...	...	...	...	...	...	...	...	...
<b>Thyroidogenic Psychoses :—</b>									
(a) Mixedædematous Psychoses.....	...	1	1	...	...	...	...	...	...
(b) Cretinism .....	...	...	...	...	...	...	...	...	...
(c) Hyparthyrogenous.....	...	...	...	...	...	...	...	...	...
(d) Exophthalmic Goitre .....	...	...	...	...	...	...	1	...	1
<b>Dementia Præcox :—</b>									
(a) Hebaphrenic .....	78	82	160	33	32	65	24	25	49
(b) Catatonic .....	111	123	244	36	52	88	25	30	55
(c) Paranoid.....	70	50	120	20	30	50	21	16	37
<b>General Paresis .....</b>	<b>49</b>	<b>10</b>	<b>59</b>	<b>8</b>	<b>3</b>	<b>11</b>	<b>57</b>	<b>4</b>	<b>61</b>
<b>Organic Dementias :— Traumalie.....</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>
(a) Cerebral Sclerosis .....	1	...	1	...	...	...	...	...	...
(b) Huntington's Chorea .....	2	...	2	...	...	...	2	2	4
(c) Multiple Sclerosis .....	...	...	...	...	...	...	...	...	...
(d) Cerebral Syphilis .....	1	...	1	...	...	...	1	...	1
(e) Tabetic Psychoses.....	1	...	1	...	...	...	1	...	1
(f) Arterio-sclerotic Psychoses .....	8	1	9	2	1	3	3	1	4
(g) Cerebral Tumor, Abscess, Hæmorrhage...	8	3	11	...	...	...	1	...	1
(h) Tramutic Dementia.....	2	...	2	...	...	...	1	...	1
<b>Involution Psychoses :—</b>									
(a) Melancholia.....	20	34	54	5	24	29	14	12	26
(b) Pre-senile Delusional Psychoses.....	7	13	20	7	1	8	2	6	8
(c) Senile Dementia.....	41	55	96	12	20	32	50	56	106
(d) Presbyphrenia .....	...	...	...	...	...	...	...	...	...
<i>Carried Forward .....</i>	<i>476</i>	<i>415</i>	<i>891</i>	<i>183</i>	<i>192</i>	<i>375</i>	<i>211</i>	<i>168</i>	<i>379</i>

TABLE No. 10.—*Concluded.*

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female	Total	Male	Female	Total	Male	Female	Total
<i>Brought Forward</i> .....	476	415	891	183	192	375	211	168	379
Manic Depressive Psychos —									
(a) Manic States .....	62	60	122	44	59	103	19	27	46
(b) Depressed States .....	59	58	117	44	55	99	15	10	15
(c) Mixed States .....	3	4	7	4	....	4	1	2	3
Paranoia .....	4	4	8	2	4	6	....	1	1
Psychoses from Constitutional Neuroses:									
(a) Epileptic Psychoses .....	23	22	45	9	4	13	22	11	33
(b) Hysterical Psychoses .....	....	3	3	....	1	1	....	....	....
(c) Traumatic Psychoses .....	....	1	1	....	1	1	1	....	1
(d) Post Apoleptic .....	1	....	1	....	....	....	....	....	....
States of Deficient Mental Development:									
(a) Imbecility .....	40	34	74	17	9	26	6	7	13
(b) Idiocy .....	1	1	2	....	....	....	1	1	2
(c) Hypochondriac .....	....	....	....	....	....	....	....	6	6
Not Diagnosed .....	17	11	28	4	7	11	6	....	6
Not Insane .....	3	2	5	3	2	5	....	....	....
Totals .....	689	615	1,304	310	334	*644	282	233	515

\* Includes 10 deports.

TABLE No. 11.

Periods.	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on October 31st, 1915.	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month. ....	177	105	15	10	5	61
From 1 to 2 months. ....	146	96	21	14	2	21
“ 2 “ 3 “ ....	111	85	18	9	2	17
“ 3 “ 4 “ ....	104	87	30	20	1	15
“ 4 “ 5 “ ....	61	78	19	18	1	14
“ 5 “ 6 “ ....	67	69	36	25	1	3
“ 6 “ 9 “ ....	83	214	55	54	1	30
“ 9 “ 12 “ ....	56	133	34	31	.....	26
“ 12 “ 18 “ ....	65	258	38	46	2	35
“ 18 months to 2 years ..	67	299	9	19	.....	27
“ 2 to 3 years. ....	78	452	12	18	2	32
“ 3 “ 4 “ ....	43	374	2	9	2	29
“ 4 “ 5 “ ....	37	379	2	3	.....	14
“ 5 “ 10 “ ....	64	1,076	4	15	1	64
“ 10 “ 15 “ ....	32	837	.....	13	.....	38
“ 15 “ 20 “ ....	18	578	.....	6	1	34
“ 20 years and upwards.	30	920	.....	9	.....	55
Unknown. ....	65	.....	.....	.....	.....	.....
Not insane. ....	.....	.....	.....	.....	.....	.....
Totals. ....	1,304	6,040	*295	†319	21	515

\* Includes 2 deported.

† Includes 4 deported.

TABLE

Showing the general movement and result of treatment of patients in the Hospitals  
1882, to the 31st

	Average daily Population.			Number of patients admitted.			Number of patients recovered.			Patients discharged improved, unimproved and deported.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Average for 5 years 1882-1886.....	1,312	1,330	2,642	264	234	498	82	87	169	36	40	76
Average for 5 years 1887-1891.....	1,586	1,532	3,118	314	306	620	88	85	173	38	46	84
Average for 5 years 1892-1896.....	1,894	1,932	3,826	354	394	748	106	111	217	44	55	99
1897.....	2,097	2,157	4,254	507	398	905	107	116	223	42	52	94
1898.....	2,153	2,215	4,368	349	411	759	122	129	251	54	59	113
1899.....	2,183	2,258	4,441	368	343	711	116	145	261	48	47	95
1900.....	2,197	2,288	4,485	352	370	722	121	133	254	28	44	72
1901.....	2,236	2,368	4,604	372	370	740	145	130	275	26	31	57
Average for 5 years 1897-1901.....	2,173	2,257	4,430	389	379	767	122	131	253	40	46	86
1902.....	2,249	2,461	4,710	381	578	959	121	139	260	51	61	112
1903.....	2,283	2,490	4,773	404	416	820	146	176	322	41	60	101
1904.....	2,346	2,551	4,897	486	537	1,023	146	156	302	39	60	99
1905.....	2,396	2,616	5,012	511	538	1,049	149	166	315	64	57	121
1906.....	2,478	2,699	5,177	517	568	1,085	142	172	314	79	76	155
Average for 5 years 1902-1906.....	2,350	2,564	4,914	456	527	983	141	162	303	55	63	118
1907.....	2,511	2,747	5,258	568	528	1,096	146	166	312	118	97	215
1908.....	2,586	2,814	5,400	577	547	1,124	115	109	224	147	99	246
*1909.....	2,629	2,871	5,500	438	405	843	152	125	277	100	97	197
1910.....	2,662	2,879	5,541	567	573	1,140	146	169	315	126	138	264
1911.....	2,708	2,884	5,592	560	580	1,140	135	164	299	138	142	280
Average for 5 years 1907-1911.....	2,619	2,839	5,448	542	527	1,069	139	147	286	126	114	240
1912.....	2,748	2,934	5,682	653	594	1,247	141	155	296	171	148	319
1913.....	2,832	2,990	5,822	710	627	1,337	167	147	314	181	163	344
1914.....	2,877	3,042	5,919	684	667	1,351	203	163	366	....	....	....
1915.....	2,884	3,088	5,972	689	615	1,304	146	147	293	159	182	341

\* 10 months ending October 31st, 1909.



No. 12.

for the Insane of the Province during the thirty-four years from January 1st,  
October, 1915.

Number of patients who died.			Percentage of recoveries to average daily population.			Percentage of deaths to average daily population.			Number of patients remaining in Hospitals at end of each year.		
Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
91	63	154	6.25	6.54	6.39	6.94	4.74	5.83	1,329	1,446	2,775
88	83	171	5.56	5.88	5.55	5.56	5.42	5.48	1,600	1,601	3,201
124	93	217	5.59	5.75	5.67	6.55	4.82	5.69	1,910	1,955	3,865
145	117	262	5.10	5.38	5.24	6.91	5.42	6.17	2,116	2,163	4,279
130	108	238	5.67	5.88	5.77	6.04	4.88	5.46	2,152	2,236	4,388
160	132	292	5.31	6.42	5.87	7.28	5.85	6.57	2,176	2,251	4,427
136	133	269	5.51	5.82	5.67	6.19	5.81	6.00	2,198	2,300	4,498
150	107	257	6.48	5.47	5.97	6.70	4.52	5.61	2,236	2,368	4,604
144	120	264	5.61	5.79	5.70	6.22	5.29	5.96	2,175	2,264	4,439
158	129	287	5.38	5.65	5.52	7.02	5.24	6.09	2,248	2,464	4,712
150	139	289	6.39	7.07	6.75	6.57	5.58	6.05	2,287	2,492	4,779
172	163	335	6.22	6.12	6.18	7.35	6.39	6.84	2,328	2,543	4,871
141	147	288	6.22	6.34	6.28	5.88	5.62	5.75	2,435	2,657	5,092
173	184	357	5.73	6.37	6.06	5.73	6.37	6.06	2,491	2,720	5,211
159	152	311	5.99	6.31	6.15	6.51	5.84	6.18	2,358	2,575	4,933
197	176	373	5.82	6.04	6.01	7.84	6.41	7.09	2,549	2,765	5,314
193	158	351	4.45	3.87	4.15	7.46	5.61	6.50	2,614	2,877	5,491
132	127	259	5.89	4.38	5.11	5.02	4.42	4.71	2,634	2,897	5,531
174	164	338	5.48	5.87	5.69	6.54	5.69	6.10	2,688	2,921	5,609
200	215	415	4.99	5.68	5.33	7.38	7.45	7.42	2,715	2,925	5,640
179	168	347	5.30	5.17	5.25	6.85	5.92	6.38	2,640	2,877	5,517
241	219	460	5.13	5.29	5.21	8.77	7.46	8.09	2,769	2,957	5,726
213	195	408	5.89	4.82	5.38	7.52	6.52	6.99	2,881	3,031	5,912
219	195	414	7.06	5.36	6.18	7.54	6.40	7.00	2,882	3,104	5,986
282	233	515	5.07	4.76	5.06	9.78	7.54	8.62	2,924	3,116	6,040

TABLE No. 13.

Showing the percentage of recoveries on the average population and admissions for the year ending October 31st, 1915.

Hospitals.	On average population.			On admission.		
	Average population.	Recovered.	Percentage.	Admission.	Recovered.	Percentage.
Brockville.....	767	44	5.74	179	44	24.58
Cobourg .....	158	.....	.....	12	.....	.....
Hamilton .....	1,284	30	2.34	235	30	12.77
Kingston .....	569	53	9.32	136	53	38.90
London .....	1,129	57	5.05	221	57	25.79
Mimico.....	678	23	3.39	148	23	15.54
Penetang .....	364	.....	.....	35	.....	.....
Toronto .....	1,023	86	8.40	338	86	25.44
Totals.....	5,972	293	5.06	1,304	293	22.47

TABLE No. 14.

Showing summary of discharges during the year.

	Male.	Female.	Total.
Discharged, Recovered.....	146	147	293
“ Improved .....	149	166	315
“ Unimproved.....	7	14	21
“ Deported .....	11	9	20
“ Eloped.....	26	3	29
“ Not Insane.....	3	2	5
Total Number of Discharges.....	342	341	683

TABLE No. 15.

Deaths in Hospitals.

Hospitals.	No. of Deaths.	Daily average population.	Percentage of deaths on daily average population.
Brockville.....	55	767	7.17
Cobourg .....	6	158	3.80
Hamilton .....	102	1,284	7.94
Kingston .....	57	569	10.02
London.....	99	1,129	8.77
Mimico.....	63	678	9.29
Penetang.....	25	364	6.87
Toronto .....	108	1,023	10.55
Totals .....	515	5,972	8.62



TABLE No. 16.

The following table shows the number of beds in each of the Hospitals, number in residence, number of vacancies, number of population and applications on fyle at close of official year.

Asylums.	Number of beds.			Number in residence on 31st October, 1915.			Number of vacancies.			Over population.			Applications on fyle.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Brockville .....	356	348	704	371	386	757	.....	.....	.....	15	38	53	.....	.....	.....
Cobourg .....	.....	160	160	.....	160	160	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hamilton .....	656	639	1,295	668	628	1,296	.....	11	11	12	.....	12	7	4	11
Kingston .....	311	268	579	309	252	561	.....	2	16	18	.....	.....	4	2	6
London .....	511	555	1,066	544	608	1,152	.....	.....	.....	33	53	86	1	4	5
Mimico' .....	340	320	660	350	334	684	.....	.....	.....	10	14	24	23	26	49
Penetang .....	166	203	369	164	204	368	.....	2	.....	2	.....	1	.....	.....	.....
Toronto .....	426	426	852	518	544	1,062	.....	.....	.....	92	118	210	12	8	20
Totals .....	2,766	2,919	5,685	2,924	3,116	6,040	4	27	31	162	224	386	47	44	91

TABLE No. 17.

Showing the number of officers and employees in each and all of the Hospitals classified according to the duties performed.

Occupation.	Brookville Hospital.	Cobourg Hospital.	Hamilton Hospital.	Kingston Hospital.	London Hospital.	Mimico Hospital.	Penetang Hospital.	Toronto Hospital.	Total.
Medical Superintendents.....	1	1	1	1	1	1	1	1	8
Assistant Superintendents ....	1	.....	1	1	1	1	.....	1	6
Assistant Physicians.....	1	.....	2	1	3	1	1	1	10
Trained Nurses.....	1	1	1	.....	1	1	.....	.....	5
Dentists.....	.....	.....	.....	.....	.....	1	.....	1	2
Bursars.....	1	1	1	1	1	1	1	1	8
Bursars' Clerks.....	1	.....	1	.....	1	1	.....	1	5
Stenographers and Portresses.	2	.....	3	2	3	1	1	3	15
Storekeeper and Assistants....	1	.....	3	1	2	1	1	1	10
Matrons.....	1	.....	1	.....	1	1	1	1	6
Assistant Matrons.....	.....	.....	2	.....	1	.....	.....	.....	3
Cooks.....	5	2	12	3	11	3	2	7	45
Laundresses.....	3	2	7	3	5	3	3	7	33
Housemaids.....	10	2	5	3	8	3	3	9	43
Seamstresses.....	1	1	2	1	2	1	1	1	10
Tailoresses.....	.....	.....	.....	1	1	1	1	.....	4
Bakers.....	1	1	1	1	1	1	1	1	8
Assistant Bakers.....	.....	.....	1	.....	.....	.....	.....	.....	1
Butchers.....	1	.....	2	.....	.....	1	.....	1	5
Tailors.....	1	.....	1	1	1	.....	.....	1	5
Shoemakers.....	.....	.....	1	.....	.....	.....	.....	.....	2
Laundrymen.....	1	.....	1	1	2	2	1	.....	7
Engineers and Assistants.....	2	1	4	3	3	4	1	2	20
Stokers.....	8	2	9	5	11	5	3	5	48
Bricklayers and Masons.....	1	.....	2	2	2	1	1	1	10
Carpenters.....	1	1	3	1	2	2	2	2	14
Painters.....	2	.....	2	1	1	1	1	.....	8
Farmers.....	1	.....	1	1	1	1	1	1	7
Farmers' Assistants.....	9	.....	12	.....	9	2	4	1	37
Gardeners.....	1	1	1	1	1	1	1	1	8
Assistant Gardeners.....	1	.....	1	1	2	2	.....	.....	7
Chief Attendants, Male.....	1	.....	1	1	4	1	1	1	10
Supervisors, Male.....	10	.....	11	5	7	8	.....	11	52
Attendants, Male.....	32	.....	48	30	36	28	9	33	216
Chief Attendants, Female.....	.....	1	1	2	1	.....	1	1	7
Supervisors, Female.....	9	3	15	13	11	7	4	14	76
Attendants, Female.....	36	8	37	27	43	24	12	41	228
Musical Instructresses.....	.....	.....	.....	.....	.....	.....	.....	1	1
Tinsmiths.....	.....	.....	.....	.....	1	.....	.....	.....	1
Totals.....	147	28	197	115	182	111	59	153	992

TABLE No. 18.

Statement of Revenue from Paying Patients and Farm and Miscellaneous Revenue.

Hospital.	No. of Paying Patients.	From Paying Patients.	From Farm and Miscel- laneous.	Total.
		\$ c.	\$ c.	\$ c.
Brockville .....	220	26,522 97	543 68	27,066 65
Cobourg .....	15	5,651 71	36 03	5,687 74
Hamilton .....	355	44,138 00	806 79	44,944 79
Kingston .....	201	19,688 79	675 01	20,363 80
London .....	435	46,472 68	771 29	47,243 97
Mimico .....	226	25,473 59	505 92	25,979 51
Penetanguishene .....	18	4,045 79	499 61	4,545 40
Toronto .....	416	53,185 30	685 32	53,870 62
Totals .....	1,886	225,178 83	4,523 65	229,702 48
Revenue from Railway Taxation, under 6 Edward VII., Cap. 9, Sec. 4, Sub- sec. 2 .....				124,443 10
				\$354,145 58

TABLE No. 19.

## COMPARATIVE STATEMENT OF REVENUE.

The following statement shows the revenue received from the Hospitals for each year since 1871, together with the number of paying patients in the Hospitals from year to year:

	No. of Paying Patients.	Revenue.	Increase.	Decrease.
		\$ c.	\$ c.	\$ c.
For the year ending September 30, 1871..	118	14,045 30		
" " " 1872..	139	19,255 80	5,219 50	
" " " 1873..	171	16,660 61		2,595 19
" " " 1874..	182	20,035 77	3,373 15	
" " " 1875..	231	21,875 92	1,840 15	
" " " 1876..	256	21,175 93		699 99
" " " 1877..	323	28,093 58	6,917 65	
" " " 1878..	334	30,103 75	2,010 17	
" " " 1879..	343	32,398 26	2,794 51	
" " " 1880..	387	37,653 81	4,755 55	
" " " 1881..	414	41,066 54	3,412 73	
" " " 1882..	475	43,937 64	2,871 10	
" " " 1883..	538	59,922 59	15,984 95	
" " " 1884..	496	48,135 18		11,787 41
" " " 1885..	509	49,620 93	1,485 73	
" " " 1886..	516	53,030 05	4,309 12	
" " " 1887..	514	48,742 53		4,287 52
" " " 1888..	538	59,638 16	10,895 03	
" " " 1889..	708	66,670 64	7,032 48	
" " " 1890..	562	62,754 16		3,916 48
" " " 1891..	577	48,507 52		14,246 14
" " " 1892..	632	73,240 61	14,733 19	
" " " 1893..	661	73,415 54	174 93	
" " " 1894..	697	72,722 04		693 50
" " " 1895..	743	68,290 31		4,431 73
" " " 1896..	904	97,898 19	29,607 88	
" " " 1897..	844	100,581 25	2,683 06	
" " " 1898..	770	72,042 44		28,538 81
" " " 1899..	778	74,364 54	2,322 10	
" " " 1900..	846	81,650 87	7,286 33	
" " " 1901..	902	90,677 46	9,026 59	
" " " 1902..	959	101,076 20	10,398 74	
" " " 1903..	1,029	97,416 03		3,660 17
" " " 1904..	1,111	106,167 49	8,751 46	
" " " 1905..	1,211	114,915 59	8,748 10	
For the 3 mos. ending December 31, 1905..		54,897 06	27,403 60	
For the year ending December 31, 1906..	1,732	165,404 08	50,488 49	
" " " 1907..	1,797	166,419 63	1,015 55	
" " " 1908..	1,878	146,148 77		3,739 2
For the 10 mos. ending October 31, 1909..	1,613	140,048 18		
" " " year " " 1910..	1,891	168,914 54		
" " " " " " 1911..	1,899	183,077 18	14,162 64	
" " " " " " 1912..	1,963	189,096 93	6,019 75	
" " " " " " 1913..		205,649 41	16,552 48	
" " " " " " 1914..		213,517 87	7,868 46	
" " " " " " 1915..		225,178 83	11,660 96	

In addition \$124,443.10 revenue for the year ending Oct. 31, 1915, was derived from Railway Taxation under 6 Edward VII. c. 9.

Revenue from Woodstock and Orillia not included in 1908, 1909, 1910, 1911, 1912, 1913, 1914 and 1915.



## STATEMENT.

Showing the Expenditure on Maintenance under the different headings for the year ending October 31st, 1915.

Headings of Estimates.	Brockville Hospital.	Cobourg Hospital.	Hamilton Hospital.	Kingston Hospital.	London Hospital.	Mimico Hospital.	Penetang. Hospital.	Toronto Hospital.
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Medicines and medical comforts.....	1,296 65	132 88	1,192 91	1,476 95	1,152 18	1,166 21	256 07	1,467 66
Groceries, provisions and butcher's cattle....	41,219 20	7,542 49	72,059 15	36,673 16	50,778 00	32,946 38	13,988 60	67,188 10
Fuel, light and water.....	24,518 98	3,679 21	25,130 17	18,002 00	20,312 51	21,122 32	8,866 18	24,158 50
Clothing .....	6,735 84	697 04	8,914 28	5,637 88	8,822 56	4,918 43	2,632 45	6,652 27
Laundry and cleaning .....	2,484 14	410 51	2,432 26	2,586 37	3,802 55	2,734 52	684 24	3,128 26
General repairs .....	6,403 16	547 71	9,601 98	6,776 16	8,922 32	5,513 19	2,427 15	6,012 67
Office expenses.....	1,113 86	139 36	1,486 49	1,151 44	1,313 38	1,070 66	356 85	1,160 17
Farm expenses.....	8,953 52	327 09	8,481 29	6,192 14	8,469 48	2,821 47	3,961 83	1,278 36
Contingencies .....	1,966 51	375 00	3,493 45	1,779 31	1,905 86	1,456 50	541 87	3,104 80
Total expense.....	94,691 86	13,951 29	132,791 98	80,275 41	105,478 84	73,749 68	33,715 24	114,150 79
Salaries .....	51,570 01	11,002 21	67,935 55	43,525 34	68,070 52	43,351 54	23,664 18	54,153 88
Grand Totals .....	146,261 87	24,953 50	200,727,53	123,800 75	173,549 36	117,101 22	57,379 42	168,304 67

TABLE

## Comparative Statement of Average Maintenance Cost per Capita

	Brockville.		Cobourg.		Hamilton.	
	This Year.	Last Year.	This Year.	Last Year.	This Year.	Last Year.
Days' residence of patients.....	268,165	259,512	57,723	56,415	456,368	452,124
Average number of patients .....	734.69	710.99	158.14	154.56	1,250.32	1,238.70
	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.
MEDICINES.....	.49	.41	.23	.24	.24	.32
Medicines and Medical comforts.....	.49	.41	.23	.24	.24	.32
PROVISIONS.....	11.85	14.61	9.03	9.02	13.90	16.80
Breakfast Foods and Cereals.....	.24	.29	.26	.21	.20	.26
Butter .....	1.87	1.93	1.26	1.30	2.25	2.72
Coffee and Tea.....	.43	.46	.41	.38	.52	.49
Eggs .....	.29	.39	.47	.39	.60	.33
Flour, Bread, etc.....	1.93	1.54	1.43	1.33	2.06	1.56
Fruit and Vegetables—Fresh .....	.43	.46	.39	.30	.70	.72
“ “ Canned and Dried .....	.49	.64	.09	.19	.44	.34
Milk .....	1.51	1.95	1.39	1.42	1.36	1.58
Potatoes.....	.39	.96	.16	.28	.46	.59
Salt, Spices, Pickles, etc .....	.06	.06	0.3	.03	0.6	.09
Sugar and Syrup.....	.95	.85	.62	.52	.86	.82
Unenumerated Groceries .....	.99	.93	.50	.38	1.02	.78
Butchers' Meat .....	1.88	3.66	1.93	2.12	2.82	4.81
Fish and Fowl .....	.39	.49	.09	.17	.55	.71
FUEL, LIGHT AND WATER.....	8.01	8.13	5.88	6.14	6.37	7.07
Coal and Wood.....	5.67	5.83	4.23	4.42	4.77	5.64
Electricity .....	.61	.08	.85	.88	.50	.46
Gas .....	.79	1.35	.....	.....	.29	.22
Oil, Candles, Matches, etc .....	.08	.10	.....	.....	.02	.02
Water.....	.86	.77	.80	.84	.79	.73
CLOTHING .....	2.15	2.67	.97	.75	1.39	1.60
Clothing—Dry Goods .....	1.63	2.02	.77	.53	1.18	1.19
Boots, Shoes, etc .....	.52	.65	.20	.22	.21	.41
LAUNDRY AND CLEANING .....	.90	.77	.75	.68	.45	.61
Brushes, Brooms and Mops .....	.14	.15	.04	.04	.08	.09
Miscellaneous Expenses .....	.23	.17	.10	.08	.15	.10
Soap .....	.53	.45	.61	.56	.22	.30
GENERAL REPAIRS.....	2.23	2.31	.71	1.03	1.91	2.20
Furniture and Furnishings.....	1.55	2.04	.48	.42	1.52	1.61
Plant .....	.68	.27	.23	.61	.39	.55
OFFICE EXPENSES .....	.41	.40	.38	.33	.34	.21
Miscellaneous Items.....	.19	.19	.14	.08	.18	.13
Postage .....	.12	.10	.09	.08	.08	.00
Telephone and Telegraph.....	.10	.11	.15	.17	.08	.07
SALARIES.....	17.33	17.52	17.87	20.32	13.48	13.87
Supt. and Physicians .....	1.94	1.98	2.08	3.42	1.49	1.57
Bursar and Assistants.....	1.22	1.36	1.90	2.65	1.12	1.11
Matron and Assistants.....	2.59	2.65	4.70	5.06	2.49	2.31
Engineer and Assistants .....	1.63	1.79	3.38	3.38	1.15	1.22
Artisans, not Domestic .....	.85	.96	.61	.64	.54	.57
Teachers.....	.....	.....	.....	.....	.....	.....
Attendants and Nurses.....	8.98	8.71	4.95	5.17	6.67	7.00
Temporary Assistance.....	.12	.07	.25	.....	.02	.00

Day for the Twelve Months ending 31st October, 1915.

Kingston.		London.		Mimico.		Orillia.		Penetang.		Toronto.		Woodstock.	
This Year.	Last Year.	This Year.	Last Year.	This Year.	Last Year.	This Year.	Last Year.	This Year.	Last Year.	This Year.	Last Year.	This Year.	Last Year.
1,082	209,617	409,118	404,428	238,854	234,169	301,859	298,638	132,767	133,097	357,932	344,207	74,987	76,542
14.61	574.29	1,120.86	1,108.02	654.39	641.55	827.01	818.19	363.74	364.65	980.63	943.03	205.44	209.70
ts. Cents.		Cents.		Cents.		Cents.		Cents.		Cents.		Cents.	
.72	.72	.28	.28	.49	.52	.42	.50	.19	.20	.41	.42	.83	.99
.72	.72	.28	.28	.49	.52	.42	.50	.19	.20	.41	.42	.83	.99
1.17	14.22	11.48	13.95	11.25	12.05	10.23	10.11	9.62	9.55	13.83	16.82	14.34	14.06
.30	.27	.23	.36	.27	.41	.28	.33	.17	.18	.19	.19	.19	.22
.16	2.07	2.13	2.21	1.91	2.80	2.20	2.14	1.86	1.81	2.45	2.98	3.16	3.61
.43	.58	.66	.62	.35	.31	.32	.31	.55	.41	.47	.43	.38	.40
.23	.36	.24	.24	.20	.22	.25	.15	.02	.01	.49	.64	.11	.13
.73	1.51	1.58	1.50	1.69	1.55	2.25	1.77	1.69	1.63	1.65	1.43	2.12	1.63
.65	.35	.44	.86	.57	.65	.44	.41	.39	.26	.36	.34	.72	.88
.70	1.14	.45	.70	.15	.18	.20	.41	.27	.23	.45	.51	.66	.67
.05	1.22	1.21	1.41	1.03	1.05	1.22	1.21	1.58	1.54	1.86	1.91	2.94	2.99
.53	.61	.36	.49	.28	.32	.29	.24	.28	.25	.67	.74	.69	.70
.12	.07	.07	.09	.05	.06	.05	.05	.01	.01	.08	.09	.05	.06
.94	.85	.83	.94	.94	.72	.75	.62	.26	.22	.80	.86	1.08	.79
.93	.89	.74	.71	.78	.54	.68	.49	.60	.45	.74	.66	.40	.38
.95	3.75	1.97	3.51	2.47	2.71	1.06	1.63	1.36	1.84	2.83	5.19	.99	1.02
.45	.55	.57	.31	.56	.54	.24	.35	.58	.71	.79	.85	.85	.58
.07	7.92	4.88	5.59	7.37	7.99	3.62	4.05	5.57	6.04	6.37	6.59	8.13	8.83
.02	7.86	3.91	4.66	6.80	7.37	2.85	3.26	4.03	4.61	4.93	5.14	4.97	5.52
.....	.....	.75	.74	.47	.48	.60	.62	.39	.25	.25	.22	.80	.99
.....	.....	.20	.16	.....	.....	.....	.....	.....	.....	.73	.69	.....	.....
.05	.06	.02	.03	.10	.14	.02	.02	.02	.06	.03	.05	.03	.03
.....	.....	.....	.....	.....	.....	.15	.15	1.13	1.12	.43	.49	3.33	2.29
.30	2.08	1.89	1.87	2.03	1.71	2.07	2.11	1.81	1.16	1.25	1.15	1.11	.60
.82	1.56	1.37	1.33	1.54	1.27	1.34	1.55	1.34	.77	1.02	.96	.97	.40
.48	.52	.52	.54	.49	.44	.73	.56	.47	.39	.23	.19	.14	.20
.16	1.34	.91	.88	1.24	1.08	.88	.82	.64	.56	.86	1.06	.97	.96
.27	.30	.16	.16	.18	.20	.17	.14	.09	.06	.12	.15	.14	.10
.44	.36	.17	.22	.27	.23	.06	.07	.22	.17	.19	.19	.28	.31
.45	.68	.58	.50	.79	.65	.65	.61	.33	.33	.55	.72	.55	.55
.16	3.64	2.05	2.33	1.76	2.61	1.70	1.72	1.32	1.21	1.66	2.01	2.23	2.08
.47	2.51	1.63	1.80	1.21	1.89	1.22	.96	.87	.81	1.28	1.60	1.46	1.33
.69	1.13	.42	.53	.55	.72	.48	.76	.45	.40	.38	.41	.77	.75
.54	.69	.32	.36	.44	.49	.28	.28	.27	.21	.33	.37	.41	.38
.32	.43	.18	.22	.21	.26	.12	.13	.14	.09	.19	.22	.14	.13
.12	.13	.07	.07	.10	.10	.10	.08	.05	.04	.03	.04	.11	.10
.10	.13	.07	.07	.13	.13	.06	.07	.08	.08	.11	.11	.16	.15
.06	21.69	15.22	15.94	16.57	16.95	10.66	10.33	15.97	15.64	14.61	15.88	19.53	18.44
.50	3.17	1.74	1.72	2.61	2.60	1.85	1.79	2.56	2.33	1.87	2.19	5.07	4.78
.88	1.24	1.15	1.18	1.39	1.54	.91	.98	1.88	1.88	1.47	1.61	2.53	2.44
.72	3.07	2.58	2.53	2.35	2.34	2.62	2.34	2.95	3.13	2.35	2.40	4.18	3.04
.58	1.64	1.59	1.78	2.02	2.13	.94	.90	1.65	1.80	.98	1.02	1.19	1.55
.33	1.34	.94	.94	.90	.92	.60	.60	1.80	1.80	.63	.66	.96	.84
.95	11.05	7.22	7.78	7.29	7.37	3.38	3.44	5.10	4.67	7.17	7.94	5.53	5.72
.10	.18	.....	.01	.01	.05	.04	.01	.03	.03	.14	.06	.07	.07



TABLE

## Comparative Statement of Average Maintenance Cost per Capita

	Brockville.		Cobourg.		Hamilton.	
	This Year.	Last Year.	This Year.	Last Year.	This Year.	Last Year.
Days' residence of patients.....	268,145	259,512	57,723	56,415	456,368	452,12
Average number of patients .....	734.69	710.99	158.14	154.56	1,250.32	1,238.7
ALLOWANCES .....	Cents. 4.49	Cents. 4.85	Cents. 4.11	Cents. 4.11	Cents. 3.74	Cents. 4.9
Employees' Meals and Uniforms.....	4.25	4.65	3.96	3.91	3.67	4.8
Employees' Other Allowances.....	.24	.20	.15	.20	.07	.1
FARM AND GARDEN.....	7.06	7.27	1.75	1.72	4.94	4.9
Feed and Fodder.....	3.75	3.59	.15	.13	2.29	2.3
Miscellaneous Farm Expenses .....	1.10	1.50	.31	.33	.96	.8
Seeds, etc.....	.31	.32	.10	.11	.28	.2
Salaries.....	1.90	2.06	1.19	1.15	1.41	1.4
CONTINGENCIES .....	.78	.87	.65	.73	.89	.5
Amusements, Religion, Education .....	.15	.18	.06	.08	.05	.0
Elopers, Cost of Recovery.....	.02	.02	.....	.....	.01	.....
Freight, Duties, etc.....	.12	.19	.11	.12	.08	.0
Ice .....	.05	.17	.24	.23	.34	.0
Incidental Expenses.....	.38	.22	.18	.25	.38	.3
Officers' Travelling Expenses.....	.06	.09	.06	.05	.03	.0
Per Capita cost per day, less Salaries.....	31.98	35.38	19.16	19.49	29.02	31.9
“ “ “ “ “ of Salaries .....	23.72	24.43	23.17	25.58	18.63	20.2
Total gross per Capita cost per day.....	55.70	59.81	42.33	45.07	47.65	52.1
Less total recovery per Capita per day .....	15.89	14.16	10.61	3.40	14.95	16.5
Net per Capita burden payable by Province.....	39.81	45.65	31.72	41.67	32.70	35.5

N.B.—The accompanying is a Comparative Statement of the cost of maintenance per patient per day for the twelve months ending 31st October, 1915, in the ten Hospitals for the Insane, compared with the twelve months ending 31st October, 1914, based on actual consumption and calculated to two places of decimals of a cent. The figures in black-faced type represent total

Under the headings “Provisions” and “Clothing” is shown the actual consumption by patients—the value of such supplies to officers, attendants, nurses and employees being included in the account “Employees' Meals and Uniforms.”

Where no charge is shown for light or water, these are included in the cost of coal.



O. 21—Continued.

r Day for the Twelve Months ending 31st October, 1915.—Continued.

Kingston.		London.		Mimico.		Orillia.		Penetang.		Toronto.		Woodstock.	
This Year.	Last Year.	This Year.	Last Year.	This Year.	Last Year.	This Year.	Last Year.	This Year.	Last Year.	This Year.	Last Year.	This Year.	Last Year.
6,082	209,617	409,118	504,428	238,854	234,169	301,859	298,638	132,767	133,097	357,932	344,207	74,987	76,542
64.61	574.29	1,120.86	1,108.02	654.39	641.55	827.01	818.19	363.74	364.65	980.63	943.03	205.44	209.70
Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cts.
.87	6.24	4.98	5.06	4.98	6.75	3.14	2.92	3.27	4.13	3.62	4.38	5.27	6.12
.63	6.02	4.94	4.98	4.83	6.58	3.09	2.89	3.10	3.87	3.56	4.33	5.00	5.95
.24	.22	.04	.08	.15	.17	.05	.03	.17	.26	.06	.05	.27	.17
.35	4.59	5.09	5.11	5.21	4.99	3.11	3.14	6.55	5.72	.86	.91	12.16	11.11
.25	2.46	2.60	2.37	2.08	1.59	1.80	1.79	4.12	2.74	.22	.20	6.54	5.62
.78	.72	.77	1.10	1.10	1.20	.65	.51	.35	.79	.11	.08	1.31	1.61
.26	.21	.30	.20	.38	.38	.19	.14	.23	.18	.01	.02	.77	.70
.06	1.20	1.42	1.44	1.65	1.82	.47	.70	1.85	2.01	.52	.61	3.54	3.18
.02	1.06	.47	.51	.62	.63	.39	.51	.52	.51	.87	.90	.25	.43
.21	.33	.08	.14	.10	.14	.08	.07	.02	.03	.04	.06	.04	.06
.03	.01	.01	.02	.02	.01	.....	.....	.19	.....	.01	.....	.01	.02
.16	.15	.07	.07	.05	.14	.12	.22	.....	.12	.15	.15	.11	.12
.....	.....	.....	.....	.14	.15	.03	.02	.....	.....	.23	.24	.....	.....
.58	.33	.29	.24	.29	.19	.15	.19	.28	.26	.40	.34	.05	.17
.04	.24	.02	.04	.02	.....	.01	.01	.03	.10	.04	.11	.04	.06
.43	35.06	25.95	29.44	28.76	30.26	22.23	22.54	24.64	23.15	25.92	29.62	36.80	36.26
.99	29.13	21.62	22.44	23.20	25.52	14.27	13.95	21.09	21.78	18.75	20.87	28.34	27.24
.42	64.19	47.57	51.88	51.96	55.78	36.50	36.49	45.73	44.93	44.67	50.49	65.23	64.00
.45	13.37	16.08	15.43	16.28	15.07	8.85	7.83	8.17	7.10	15.18	16.30	32.15	31.37
.97	50.82	31.49	36.45	35.68	40.71	27.65	28.66	37.56	37.83	29.49	34.19	33.08	32.63

TABLE No. 1

Comparisons, Appropriation, Expenditure, Consumption, Population

	Brockville.	Cobourg.	Hamilton.
Days' residence of patients.....	268,165	57,723	456,368
Average number of patients.....	734 69	158.14	1,250.32
Medicines.....	\$1,500	200	1,500
Appropriation.....	1,296 65	132 88	1,192 91
Expenditure.....	1,309 67	133 51	1,077 26
Provisions.....	\$47,000	8,200	83,000
Appropriation.....	41,219 20	7,542 49	72,059 15
Expenditure.....	31,778 51	5,213 23	63,459 06
Consumption.....	\$26,000	4,450	35,000
Fuel, Light and Water..	24,518 98	3,679 21	25,130 17
Appropriation.....	21,492 45	3,397 32	29,095 15
Expenditure.....	\$7,000	900	9,700
Consumption.....	6,735 84	697 04	8,914 28
Clothing, etc.....	5,774 37	562 43	6,349 35
Laundry, etc.....	\$2,500	550 00	3,000
Appropriation.....	2,484 14	410 51	2,432 26
Expenditure.....	2,421 24	435 01	2,041 40
Consumption.....	\$6,500	1,000	10,000
General Repairs, etc....	6,493 16	547 71	9,601 98
Appropriation.....	5,982 64	412 07	8,732 41
Expenditure.....	\$1,200	300	1,500
Consumption.....	1,113 86	239 36	1,486 49
Office.....	1,096 26	219 59	1,549 59
Salaries.....	\$61,402	15,110	74,404
Appropriation.....	51,579 01	11,002 21	67,935 55
Expenditure.....	63,623 63	13,377 59	85,028 76
Consumption.....	\$9,000	400	8,500
Farm, etc.....	8,953 52	327 09	8,481 29
Appropriation.....	13,852 17	327 59	16,136 97
Expenditure.....	\$2,600	650	3,500
Consumption.....	2,066 51	375 00	3,493 45
Contingencies.....	2,095 67	375 00	4,081 08
Total Maintenance.....	\$164,702	31,760	230,104
Appropriation.....	146,361 87	24,953 50	200,727 53
Expenditure.....	145,426 61	24,453 34	317,551 03
Consumption.....	\$55,838	4,000	28,900
Capital Accounts.....	53,340 88	1,486 92	26,263 92
Grand Total.....	\$220,540	35,770 00	259,004
Appropriation.....	199,702 75	26,440 42	226,991 45
Expenditure.....			
REVENUE COLLECTIONS.			
From paying patients this year to date.....	\$26,522 97	5,651 71	44,138 00
"    "    last ".....	21,366 27	1,385 19	50,881 76
Patients Revenue per capita this year..... cents	9 89	9 77	9 67
"    "    last "..... cents	8 23	2 45	11 25
From Farm and Misc. Sales this year.....	\$543 68	36 03	806 79
"    "    last ".....	382 60	112 35	725 94
Farm and Mis. Revenue per capita this year.....cents	20	06	10
"    "    last ".....cents	15	20	16
Total Revenue this year.....	\$27,066 65	5,687 74	44,944 79
"    "    last ".....	21,748 87	1,497 54	51,607 70
Total Revenue per capita per day this year.....cents	10 09	9 83	9 77
"    "    last ".....cents	8 38	2 65	11 41
Farm Production Consumption this year per capita.cents	5 80	78	5 18
"    "    last ".....cents	5 78	75	5 15
Total Recovery per capita this year.....cents	15 89	10 61	14 95
"    "    last ".....cents	14 16	3 40	16 56

—Concluded.

d Revenue for the 12 Months ending 31st October, 1915.

Kingston.	London.	Mimico.	Orillia.	Penetang.	Toronto.	Woodstock.
206,082	409,118	238,854	301,859	132,767	357,932	74,987
504 61	1,120 86	654 39	827 01	363 74	980 63	205 44
1,500	1,500	1,200	1,500	750	1,500	700
1,476 95	1,152 18	1,166 21	1,270 29	256 07	1,467 66	613 94
1,487 28	1,154 32	1,171 62	1,270 29	247 07	1,482 68	624 63
38,000	70,000	40,000	38,500	18,000	75,000 00	13,500
36,673 16	50,778	32,946 38	33,001 48	13,988 60	67,015 38	11,100 33
27,135 74	46,955 69	26,867 97	30,899 35	12,779 26	49,494 15	10,759 16
18,500	23,000	23,000	13,000	11,600	25,000	8,500
18,002	20,312 51	21,122 32	12,578 24	8,866 18	24,158 50	5,924 37
14,563 86	19,972 33	17,599 86	10,938 22	7,392 87	22,805 22	6,101 93
6,500	9,400	6,000	8,000	3,300	7,000	1,000
5,637 88	8,822 56	4,918 43	7,507 53	2,632 45	6,652 27	880 80
4,746 48	6,735 02	4,856 41	6,253 62	2,409 17	4,464 65	833 50
2,740	4,200	2,800	3,000 00	1,200	4,000	1,200
2,586 37	3,802 55	2,734 52	2,868 88	684 24	3,128 26	645 81
2,396 78	3,716 11	2,972 76	2,670 41	855 48	3,082 36	725 65
7,500	11,000	6,500	7,300	3,000	8,000 00	1,800
6,776 16	8,922 32	5,513 19	6,252 57	2,427 15	6,012 67	1,520 22
6,518 41	8,374 77	4,205 87	5,072 82	1,747 58	5,960 49	1,676 86
1,500	1,500	1,200	1,000	600	1,500	500
1,151 44	1,313 38	1,070 66	848 04	356 85	1,160 17	302 58
1,124 28	1,313 38	1,048 16	948 04	356 25	1,175 17	305 88
53,770	73,350	50,135	38,572	28,086	63,422	19,316
43,525 34	68,070 52	43,531 54	33,596 25	23,664 18	54,153 88	17,307 92
55,619 61	88,456 07	55,435 69	43,077 61	28,007 48	67,123 85	21,259 69
7,000	8,500	4,000	6,000	4,000	3,700	3,500
6,192 14	8,469 48	2,821 47	5,992 96	3,961 83	1,278 36	2,991 09
6,796 42	15,041 17	8,502 14	7,970 08	6,253 49	1,221 05	6,467 61
2,450	2,500	2,200	1,800	1,000	3,500	1,000
1,779 31	1,905 86	1,456 50	1,118 23	641 87	3,104 80	190 55
2,094 50	1,919 82	1,464 88	1,183 92	693 18	3,104 80	190 55
139,460	204,950	137,035	118,672	71,536	191,622	51,016
123,800 75	173,549 36	117,281 22	105,034 47	57,479 42	168,131 95	41,477 61
122,483 36	194,638 68	124,125 36	110,184 36	60,741 83	159,914 42	48,945 46
24,000	60,200	21,050	116,500	24,400	356,300	20,400
10,051 91	40,090 95	11,077 45	66,345 93	16,869 58	2,209 84	6,169 68
163,460	265,150	158,085	235,172	95,936	547,922	71,416
133,852 66	213,640 31	128,358 67	171,389 40	74,349 00	170,341 79	47,647 29
19,688 79	46,472 68	25,473 59	12,326 01	4,045 79	53,185 30	13,819 08
20,031 62	40,620 20	21,874 89	11,382 40	2,495 24	54,862 70	13,693 80
9.55	11.35	10.67	4.08	3.05	14.86	18.42
9.55	10.04	9.34	3.81	1.88	15.94	17.89
819 61	771 29	505 92	854 67	499 61	685 32	2,157 35
874 13	524 98	673 96	1,300 15	404 82	936 77	2,215 22
40	19	21	28	38	19	2 88
42	13	28	44	30	27	2 89
20,508 40	47,243 97	25,979 51	13,180 68	4,545 40	53,870 62	15,976 43
20,905 75	41,145 18	22,548 85	12,682 55	2,800 06	55,799 47	15,909 02
9.95	11.54	10.88	4.36	3.43	15.05	21.30
9.97	10.17	9.62	4.25	2.18	16.21	20.78
4.50	4.54	5.40	4.49	4.74	13	10.85
3.40	5.26	5.45	3.58	4.92	09	10.50
14.45	16.08	16.28	8.85	8.17	15.18	32.15
13.37	15.43	15.07	7.83	7.10	16.30	31.37



## NOTES ON PER CAPITA STATEMENT.

Attached hereto is a statement of the cost of maintenance per patient per day for the year ending October 31st, 1915, in the ten hospitals mentioned, and compared with the year 1914, being based on actual consumption.

It follows out the order of the sub-divisions of appropriations voted by the Legislature, and is calculated to two places of decimals of a cent. The figures in black-faced type represent totals.

Invoices for all purchases, properly certified by the Bursar and the Storekeeper, as to accuracy and receipt of goods, are checked in the Department before being submitted to the Treasury for payment.

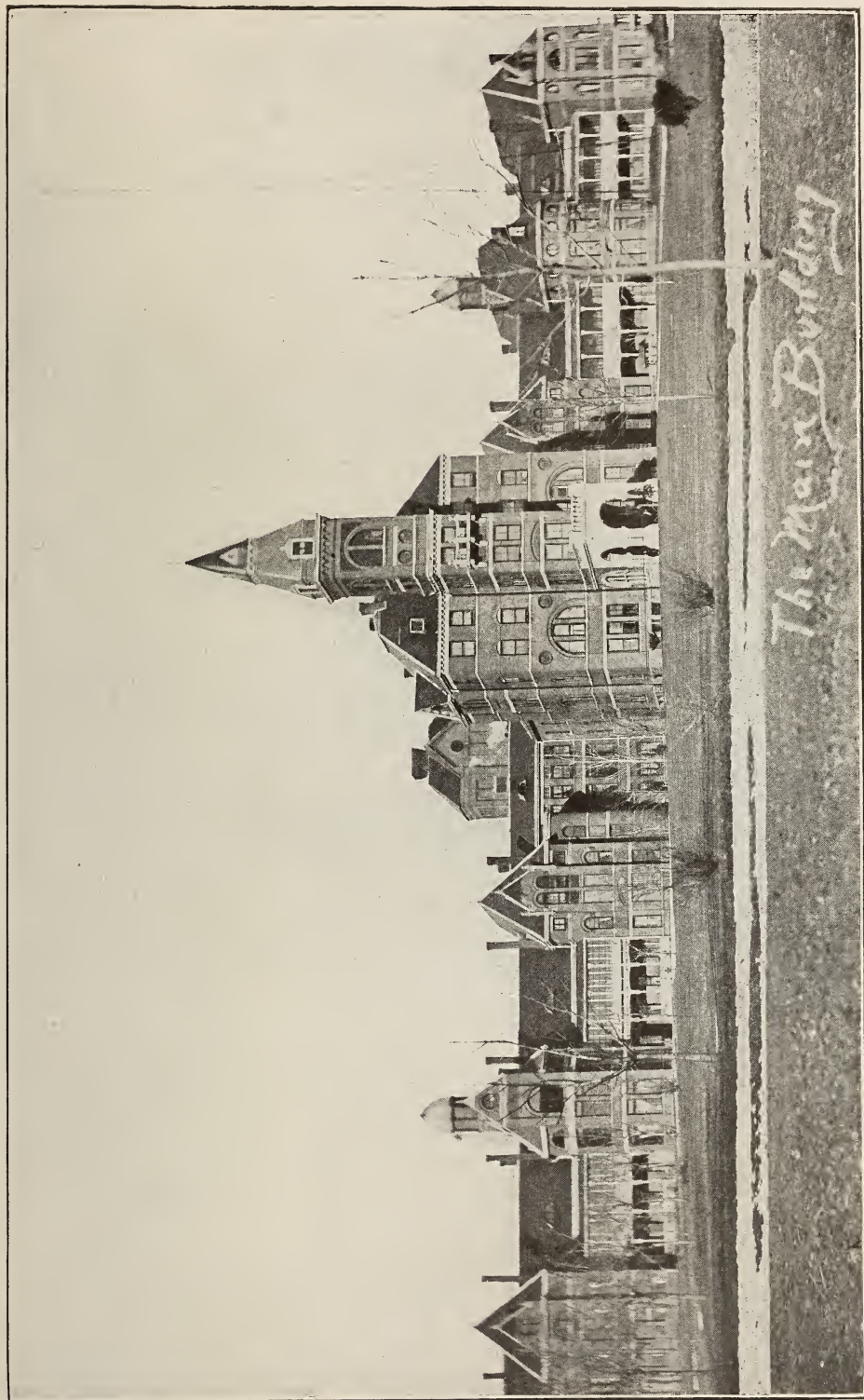
A system of Daily Requisitions for all supplies, such as provisions, is carried out and these requisitions are forwarded to the Department semi-weekly. In case of coal, the amount consumed on each shift is weighed and weekly report of consumption made by the engineer.

Under headings "Provisions" and "Clothing" is shown only consumption by patients—the value of such supplies to officers, attendants, nurses and employees being included in the account "Employees' Meals and Uniforms" under the heading "Salaries."

Quarterly inventories of stock are taken at each institution, and are checked with the ledger accounts of the Department.

Returns are made of all products of the Farm and Garden, as received, charge being made against the cost of maintenance, and the Farm and Garden given credit for the same; for this purpose a uniform price list is in use for all institutions regardless of soil or fertility of farm. At the end of the year the value per patient per day of such products—fruits, vegetables, feed and fodder, meat and eggs—deducted from the gross per capita cost and appears in the statement as "Farm Recoveries."





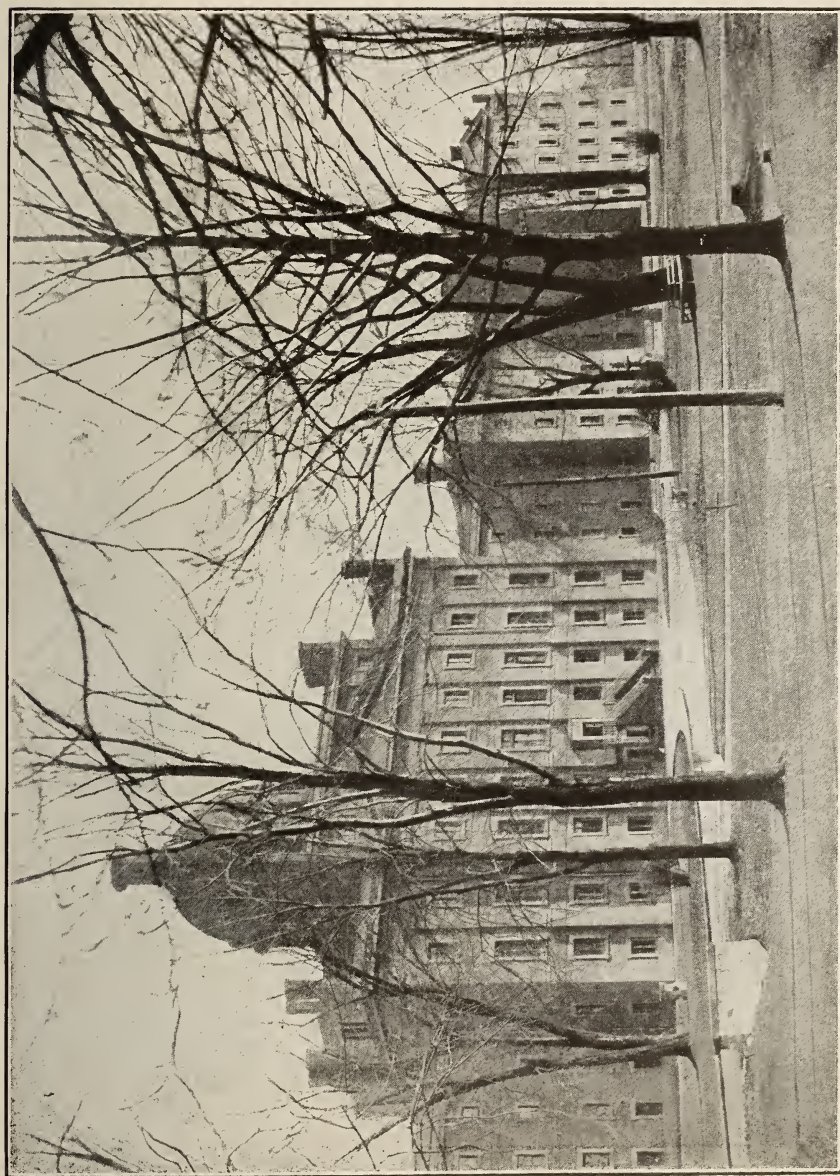
Main Building, Brockville.





Main Building and Cottages, Mimico (from the north).



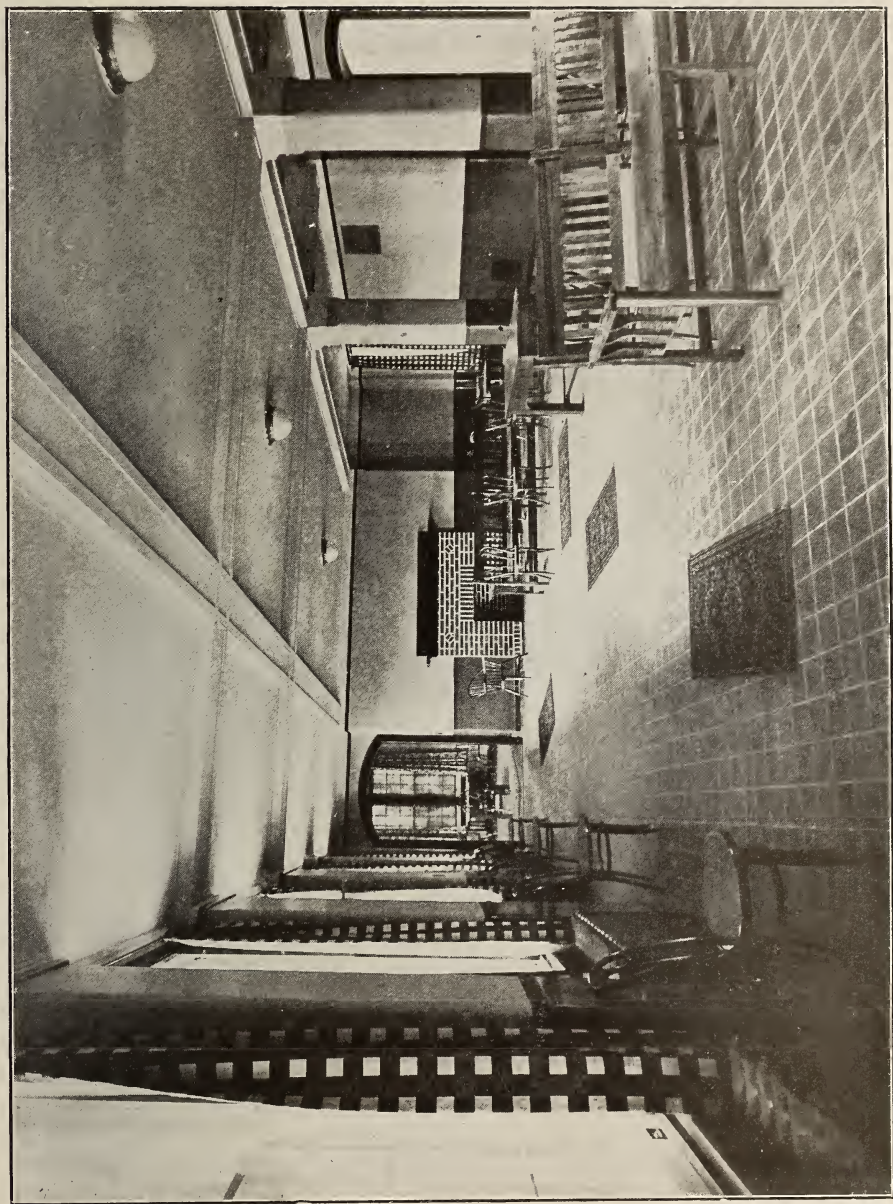


Main Building, Toronto.



Convalescent Cottage, Hospital for Insane, Whitby.



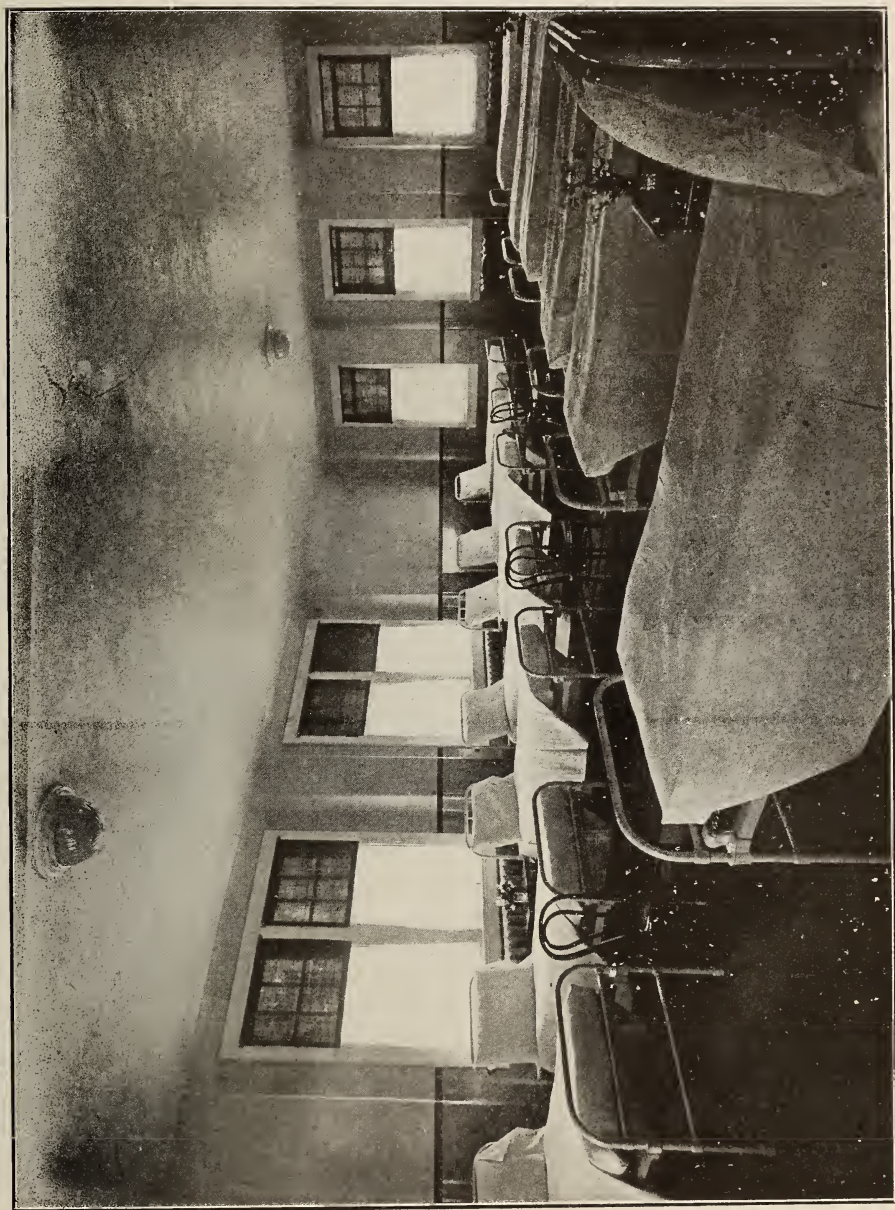


Centre Day Room, Hospital for Insane, Whitby.



Sitting Room, Hospital for Insane, Whitby.





A Ward, Hospital for Insane, Whibby.



Patient's Room, Hospital for Insane, Whitby.



## APPENDIX

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TO FORTY-EIGHTH ANNUAL REPORT UPON THE HOSPITALS FOR  
THE INSANE AND CONTAINING THE ANNUAL REPORTS OF  
THE MEDICAL SUPERINTENDENTS OF THE HOSPITALS IN  
BROCKVILLE, COBOURG, HAMILTON, KINGSTON, LONDON,  
MIMICO, PENETANGUISHENE, TORONTO, AND HOMEWOOD  
SANITARIUM, GUELPH.



ANNUAL REPORT OF THE MEDICAL SUPERINTENDENT AT  
HOSPITAL FOR THE INSANE, BROCKVILLE, FOR YEAR  
ENDING OCTOBER 31st, 1915.

BROCKVILLE, December 2nd, 1915.

TO EDWIN R. ROGERS, ESQ., AND W. W. DUNLOP, ESQ.

*Inspectors of Public Charities.*

SIRS,—I have the honour to submit the Report of this Hospital for the year ending 31st October, 1915.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital.....	356	348	704			
In residence October 31st 1914 .....	.....	.....	.....	364	367	731
Admitted during year by Warrant .....	4	.....	4			
Admitted by Certificate .....	83	92	175	87	92	179
Total number under treatment during year.....	.....	.....	.....	451	459	910
Discharged during year recovered .....	27	17	44			
Discharged during year improved .....	16	27	43			
Discharged during year unimproved .....	1	2	3			
Discharged during year not insane.....	.....	1	1			
Total number discharged during year.....	44	47	91			
Died .....	30	25	55			
Deported .....	.....	1	1			
Eloped .....	6	.....	6			
Transferred.....	.....	.....	.....	80	73	153
Remaining in Hospital October 31st, 1915.....	36	26	62	371	386	757

#### ADMISSIONS.

The admissions for the year numbered one hundred and seventy-nine, showing an increase of four admissions over the preceding year. Of these, eighty-seven were males and ninety-two females. Four males were admitted by warrant process, the smallest number in the history of the institution. Last year the male admissions were much in excess of females, but this year we had a much larger number of females. Fourteen men and two women were admitted as voluntary patients. This is the largest number of voluntary patients we have had in one year, and in nearly all cases it was a great benefit to be able to admit them in this way as they were freed from the onus of coming in as certificated cases. Seventy of those that were admitted during the year, the psychoses had either been of such long standing, or of a class that neither recovery nor improvement could be looked for. Sixty of the admissions in the past year were over fifty years of age.

Our discharge list was not as large in the last year, but we had a fair number of recoveries. Forty-four men and forty-seven women were returned to their homes. Of the males, there were twenty-seven recoveries, sixteen improved and one unimproved. Of the females, there were seventeen recoveries, twenty-

seven improved, two unimproved and one not insane. One woman was deported to the United States. We were not able to return any who should have been deported to the old land, on account of the war.

The death rate was not large and identically the same as that of last year. Thirty males, and twenty-five females, totalling fifty-five in all.

A brief analysis of the admissions and discharges might be interesting.

In the infectious exhaustion psychoses we admitted four males and two females. In the same class we discharged one male and two females, and one female died.

In the toxic psychoses we had nine males admitted suffering from different forms of either acute alcoholism or Kowsakow's psychoses, and one male admission from morphinism. During the year we discharged ten alcoholics and one morphine habitue.

In the Dementia Praecox class we admitted twenty-three males and forty-four females. In the same class we discharged twelve males and twenty-three females, and under the same heading we had nine male deaths and ten female.

In general Paresis we admitted one female and two males, and one female died from this disease.

In the organic Dementias we admitted two males suffering from cerebral hæmorrhage, and one male died of cerebral syphilis.

We admitted three males suffering from Melancholia, and eight females. Under the same heading we discharged five females recovered, and two males died.

In the pre-senile and senile dementia we admitted seven males and twelve females. In the same class we discharged one male and two females as improved. Under this same involution type we had eleven deaths and nine female.

In the manic-depressive psychoses we admitted twenty-six males and sixteen females. We discharged fourteen males and twelve females and in the same class four males and two females died.

One male epileptic and three females were admitted during the year, and the male epileptic was discharged as his friends thought they could look after him at home. In the same class three males and one female died.

In the imbecile and idiot class we admitted ten males and seven females. In this weak-minded class we discharged four males and two females and one female died.

One woman admitted during the year was not insane. She came in for treatment for nervous trouble.

The general health of the institution has been good. We had one female patient and one male who had Typhoid during the year, and both recovered. At the time of the epidemic in our town last year, three nurses and two attendants had the disease. The males had it in a very severe form, and one, a valuable employee, succumbed to the disease.

The general treatment has been much the same as in past years with attempts to make improvement where possible. Much has been accomplished by occupation and personal attention to our inmates. Diversional occupation in the way of games and sports has also been very beneficial. Many more patients took part in both curling and bowling games this year than at any other time heretofore. Special attention has been paid both winter and summer to try and get all possible interested in these diversions.

At our annual sports this year we had a very fine exhibit of work done in the Industrial and Re-education Room as well as in the wards. The Sports Day



usual was a splendid success. We contributed quite an amount of work done by our female patients as well as making an exhibit of farm and garden produce at the Toronto Exhibition.

Our Training School had a very satisfactory year. The medical staff took great pains with instructions given, and the nurses in training exhibited a good knowledge of their work at the examinations.

The graduating exercises were held on June the 10th, and five of our nurses graduated. The exercises were very successful and excellent addresses were delivered by the speakers present. A large number of town and country people were in attendance.

During the past year great improvement has been made in our dietary. Acting on advice and suggestions given us from your Department we have greatly improved this with much benefit to the patients. There has also been a new system installed to look after waste, and although the prices of food have been much higher, we have been able to feed our people at a much less cost than heretofore. The waste has been very carefully looked after. We have also had to assist us in this work, a number of new appliances installed in the kitchen. These have facilitated the work that has been done there.

The improvements and repairs have been well kept up during the year. The cottages were all repainted throughout. The painting is also completed on the new farm cottage. We had the comfort of having the electric light in the main building during this past year. The farm cottage has been occupied with great comfort to the patients of whom we have now about thirty in residence there.

A new boiler room has been built and an additional boiler installed. Three of our old boilers have been removed and replaced. This has greatly improved our engineers' department. It has made a great deal of additional work, but the improvement in heat, and comfort in looking after the work will be of great benefit. All these improvements and changes made have added very much to the work done by our carpenter and mason, and they have not only kept up the needed repairs but have done extra work required in making these changes.

In the Farm Department the pigs were all placed out of doors this year with outside houses for protection at night and free from storms. A good deal of fence was built to make separate plots for the enclosure of these pigs. This assisted very much in getting rid of the fly pest. The grain crops were very heavy and owing to the excessively wet season and severe storms were badly lodged and difficult to save, but owing to the efficiency of our tile drainage we were enabled to harvest all with comparatively little loss, and had an average yield of sixty bushels per acre. The potatoes were a light crop but by thorough spraying we warded off rot which destroyed so many potatoes in this section. The corn and roots were exceptionally heavy crops and also the various garden products of which we had abundance for all needs. Despite the wet season some progress was made towards clearing the land of noxious weeds. A cement and stone bridge has been built across the creek at the Stagg Farm and a road graded to the upper end of the place. About eighty rods of the old creek rock-bed was filled in and banks graded down, permitting another twenty acres of the flat and on the Stagg Farm to be put under cultivation.

Our religious services as usual, have been carefully looked after by the clergymen of the various denominations. We are greatly indebted to these men, not only for their services held here regularly, but also for their kindness in administering to the sick.

The war has made a great many changes in our staff. A number of attendants from here have enlisted during the year. Six who have been patients have also enlisted, and so far are making good. The staff has contributed fairly well to Patriotic, Red Cross, Field Kitchen and Machine Gun Funds, giving in all between seven and eight hundred dollars.

There have been no changes in the medical staff during the year and they have continued to do their utmost to look after the physical and mental welfare of the patients.

Acknowledging with gratitude your valuable counsel and assistance during the year,

I have the honour to be,

Sirs,

Your obedient servant,

J. C. MITCHELL,  
*Medical Superintendent*

ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE  
HOSPITAL FOR INSANE, BROCKVILLE, FOR THE YEAR  
ENDING OCTOBER 31st, 1915.

TABLE No. 1—BROCKVILLE.

Showing movements of patients in the Hospital for the official year ending October 31st, 1915.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital .....	356	348	704			
In Residence October 31st, 1914 .....				364	367	731
Admitted during the year 1915:						
By Warrant .....	4		4			
By Medical Certificate .....	83	92	175	87	92	179
Total number under treatment during year .....				451	459	910
Discharges during year:						
As recovered .....	27	17	44			
" improved .....	16	27	43			
" unimproved .....	1	2	3			
" not insane .....		1	1			
Total number discharged during year .....	44	47	91			
Died .....	30	25	55			
Deported .....		1	1			
Eloped .....	6		6			
Transferred .....				80	73	153
Remaining in Hospital October 31st, 1915 .....				371	386	757
Total number admitted since opening of Hospital .....				1,540	1,511	3,051
Total number discharged since opening of Hospital .....	557	629	1,186			
Total number died since opening of Hospital .....	524	412	936			
Total number deported since opening of Hospital .....	10	7	17			
Total number eloped since opening of Hospital .....	51	2	53			
Total number transferred since opening of Hospital .....	27	75	102	1,169	1,125	2,294
Total remaining in Hospital October 31st 1915 .....				371	386	757
Daily average population .....	375.99	391.42	767.4			
Collective days' stay of all patients in residence during year .....	137,238	142,871	280,109			
Number of applications on file .....						

TABLE No. 2—BROCKVILLE.

Showing Social State and Religion of patients admitted during the year and since opening of Hospital.

	Admissions of Year.			In residence Oct. 31, 1915.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
<b>SOCIAL STATE.</b>									
Single.....	42	44	86	135	160	295	901	702	1,603
Married.....	44	44	88	228	211	439	598	724	1,322
Widowed.....	1	4	5	8	15	23	41	83	124
Divorced.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Separated.....	.....	.....	.....	.....	.....	.....	.....	2	2
Unascertained.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	87	92	179	371	386	757	1,540	1,511	3,051
<b>RELIGION.</b>									
Baptists.....	4	3	7	11	10	21	47	39	86
Congregationalists.....	1	.....	1	.....	1	1	9	3	12
Church of England.....	16	25	41	75	77	152	284	292	576
Methodists.....	14	14	28	47	62	109	234	289	523
Presbyterians.....	16	20	36	66	59	125	287	271	558
Roman Catholics.....	34	29	63	151	161	312	583	556	1,139
Other Denominations....	2	1	3	21	16	37	60	49	109
Unascertained.....	.....	.....	.....	.....	.....	.....	36	12	48
Total.....	87	92	179	371	386	757	1,540	1,511	3,051



TABLE No. 3—BROCKVILLE.

Showing nativity of patients admitted during the year and since opening of Hospital.

Nativity.	Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Total admissions .....	86	92	179	1,540	1,511	3,051
Total born in Canada .....	67	82	149	1,239	1,245	2,484
Armenia .....						
Assyria .....				2	2	4
Austria .....	1	0	1	5	3	8
Australia .....						
Belgium .....						
Bulgaria .....						
Central America .....						
China .....				1		1
Denmark .....				2		2
England .....	8	5	13	92	70	162
France .....				6		6
Finland .....						
Galicia .....						
Germany .....	1		1	6	6	12
Greece .....						
Holland .....						
Hungary .....						
Ireland .....	3	3	6	80	109	189
Italy .....	1		1	4		4
Japan .....						
Macedonia .....						
Other British Possessions .....				1		1
Norway .....						
Roumania .....						
Russia .....	1	1	2	6	11	17
Scotland .....	3	1	4	35	36	71
South America .....						
Spain .....						
Sweden .....				2	1	3
Switzerland .....	2		2	3		3
United States .....				36	21	57
West Indies .....				1		1
Unascertained .....				19	7	26
Totals .....	87	92	179	1,540	1,511	3,051

TABLE No. 4—BROCKVILLE.

Showing the occupation of those admitted during the year and since the opening of the Hospital.

Occupation.	Admitted this Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Professional :— Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engineers, Surveyors, etc .....	5	.....	5	30	3	33
Commercial :— Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typewriters, etc .....	14	3	17	126	26	152
Agricultural and Pastoral :— Farmers, Gardeners, Stock Men, etc.	13	.....	13	455	.....	455
Mechanics at Outdoor Vocations :— Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc .....	14	.....	14	168	.....	168
Mechanics, etc., at Sedentary Vocations : Shoemakers, Bookbinders, Composi- tors, Weavers, Tailors, Seam- stresses, Bakers, Factory Workers, etc .....	3	4	7	90	45	135
Domestic Service :— Waiters, Cooks, Servants, etc .....	2	11	13	10	228	238
Education and Higher Domestic Duties :— Governesses, Teachers, Students, Housekeepers, Nurses, etc .....	1	74	75	20	1 074	1,094
Miners, Marine Engineers, Railway Em- ployees, Seamen, etc .....	.....	.....	.....	28	.....	28
Laborers .....	35	.....	35	504	.....	504
No Occupation .....	.....	.....	.....	64	112	176
Unascertained .....	.....	.....	.....	45	23	68
Totals .....	87	92	179	1,540	1,511	3,051

TABLE No. 5—BROCKVILLE.

Showing the Counties and Districts from which patients have been admitted during the year,  
and since opening of Hospital.

Counties and Districts.	Admitted during year.			Admitted since opening.			Warrant cases.						Remaining in residence.		
							Admitted during year.			Admitted since opening.					
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Algoma District...				1		1				1		1			
Brant .....					1	1									
Bruce .....				4	2	6				2		2	1		1
Carleton.....	28	36	64	404	440	844	2		2	161	118	279	100	136	236
Dufferin.....															
Dundas .....	4	5	9	80	76	156				1		1	13	12	25
Durham.....				6	5	11								2	2
Elgin.....				4	4	8				3	1	4			
Essex.....				7	4	11				4	4	8	2	1	3
Frontenac .....	1		1	18	16	34				7	7	14	4	6	10
Glengarry.....	2	5	7	86	89	175				1	1	2	11	24	35
Grenville.....	7	2	9	121	126	247				1	1	2	20	22	42
Grey .....				3	1	4				1	1	2			
Haldimand .....				3		3				3		3	1		1
Halton .....				2		2				1		1	1		1
Hastings .....				13	26	39				7	17	24	4	5	9
Huron .....				5	3	8				3		3	2		2
Kent.....				7	1	8				4		4	2		2
Lambton .....				8	1	9				5	1	6	3		3
Lanark .....	9	6	15	154	153	307				33	22	55	39	32	71
Leeds .....	17	15	32	197	190	387				32	19	51	52	46	98
Lennox and Ad- dington.....				4	5	9				4	5	9	2	1	3
Lincoln.....				3	2	5				2	2	4		1	1
Middlesex.....				17	16	33				10	6	16		2	2
Muskoka District..				1		1									
Nipissing District..				3	1	4							1		1
Norfolk.....				2		2				1		1			
Northumberland ..	1		1	7	4	11				6	3	9	3		3
Ontario.....		1	1	4	8	12				4	7	11	1	1	2
Oxford .....				5	3	8				5	1	6	1		1
Parry Sound Dist. (Temiskaming)..		1	1		1	1								1	1
Peel.....				4	2	6				2		2	1		1
Perth.....				6	1	7				6		6	2	1	3
Peterborough .....				4	2	6				4	2	6	1		1
Prescott.....	3	4	7	81	88	169	2		2	39	37	76	23	29	52
Prince Edward .....				2	3	5				1	1	2			
Rainy River Dis- trict .....										2	2	4			
Renfrew.....	1	4	5	17	21	38				8	5	13	4	8	12
Russell.....	5	4	9	53	51	104				3		3	19	20	39
Simcoe .....				7	3	10				5	2	7	2		2
Stormont .....	6	8	14	125	101	226				39	11	50	35	24	59
Thunder Bay Dis- trict .....	2		2	3		3							2		2
Victoria .....				2	8	10				2	7	9			
Waterloo.....				2		2				1		1	1		1
Welland.....				3	1	4				3		3	1	1	2
Wellington .....				1	3	4				1		1			
Wentworth .....				4	5	9				3	2	5	1	2	3
York.....	1	1	2	51	42	93				43	35	78	15	8	23
Unascertained .....				6	2	8				1	1	2	1	1	2
Totals.....	87	92	179	1,540	1,511	3,051	4		4	465	321	786	371	386	757

TABLE No. 6—BROCKVILLE.

Showing the assigned Causes of Insanity in the cases admitted during year.

Causes.	Men.	Women.	Total.	Inherited Predisposition.			No Heredity or Un-ascertained.
				Men.	Women	Total.	
MORAL.							
Adverse Conditions (such as loss of friends, business troubles, etc.)....	9	5	14	4	2	6	9
Mental Strain, Worry and Overwork (not included in above).....	8	19	27	5	9	14	13
Religious Excitement .....	1	1	2	.....	1	1	1
Love Affairs, including seduction.....	.....	1	1	.....	1	1	.....
Fright and Nervous Shock.....	1	.....	1	.....	.....	.....	1
PHYSICAL.							
Alcoholism .....	14	.....	14	6	.....	6	8
Sexual Excess .....	1	1	2	.....	.....	.....	2
Venereal Diseases .....	1	.....	1	.....	.....	.....	1
Masturbation .....	.....	2	2	.....	.....	.....	2
Accident or Injury .....	.....	3	3	.....	2	2	1
Pregnancy .....	.....	2	2	.....	2	2	.....
Parturition and Puerperium .....	.....	2	2	.....	2	2	.....
Lactation .....	.....	1	1	.....	.....	.....	1
Climacteric Period .....	1	2	3	.....	.....	.....	3
Fevers .....	1	2	3	.....	.....	.....	3
Privation and Overwork .....	1	3	4	1	2	3	1
Epilepsy .....	2	.....	2	.....	.....	.....	.....
Other Convulsive Diseases .....	3	10	13	1	1	2	11
Diseases of Brain and Skull .....	.....	.....	.....	.....	.....	.....	.....
Senility .....	2	.....	2	.....	.....	.....	.....
Exophthalmic Goitre .....	3	.....	.....	.....	.....	.....	.....
Epidemic Influenza .....	.....	.....	.....	.....	.....	.....	.....
Abuse of Drugs .....	2	.....	2	2	.....	2	.....
Loss of Special Sense .....	1	.....	1	.....	.....	.....	1
Uremia .....	.....	.....	.....	.....	.....	.....	.....
Other Auto-infection .....	.....	.....	.....	.....	.....	.....	.....
Other Bodily Diseases .....	2	2	4	.....	1	1	3
HEREDITARY.							
Congenital Defect .....	12	5	17	4	3	7	10
Unascertained .....	27	36	63	8	7	15	47
Not Insane .....	.....	.....	.....	.....	.....	.....	.....
Totals .....	87	92	179	32	31	63	116



TABLE No. 7—BROCKVILLE.

Showing hereditary tendency to insanity in patients admitted during the year  
and since the opening of the Hospital.

	Admitted During Year.			Since Opening.		
	Male.	Female.	Total.	Male	Female.	Total.
Paternal Branch .....	13	12	25	187	184	371
Maternal Branch .....	6	12	18	164	177	341
Paternal and Maternal Branches.....	1	1	2	63	52	115
Collateral Branches .....	12	5	17	209	223	432
No Hereditary Tendency .....	50	51	101	623	560	1,183
Unascertained .....	5	11	16	294	315	609
Totals.....	87	92	179	1,540	1,511	2,051

TABLE No. 8—BROCKVILLE.

Showing summary of Probational discharges during the year.

	Male.	Female.	Total.
Number Granted Probational Discharge .....	45	57	102
Discharged, Recovered while on Probation.....	17	14	31
“ Improved while on Probation .....	11	22	33
“ Unimproved while on Probation.....	1	1	2
Died .....			
Returned to Hospital .....	11	11	22
Absent on Probation on October 31st, 1915 .....	5	9	14
	45	57	102

TABLE No. 9—BROCKVILLE.

Showing the Causes of Death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Specific Infectious Diseases:—						
Typhoid Fever .....					1	1
Influenza .....				2	1	3
Cerebro-spinal Meningitis .....				1	1	2
Diphtheria .....						
Erysipelas .....				3	2	5
Septicaemia .....		1	1	6	7	13
Dysentery .....		1	1	6	13	19
Syphilis .....					1	1
Tuberculosis .....	4	6	10	81	79	160
Constitutional Diseases—						
Rheumatism .....					1	1
Arthritis Deformans .....						
Diabetes Mellitus .....						
Diseases of the Digestive System:—						
Mouth, salivary glands .....					1	1
Pharynx .....						
Tonsils .....						
Œsophagus .....				1		1
Diseases of the Intestines:—						
Diseases of the Liver .....				5	4	9
“ “ Pancreas .....						
“ “ Peritoneum .....				5	4	9
Diseases of the Respiratory System:—						
Diseases of the Nose and Larynx .....				2		2
“ “ Bronchi .....				2	1	3
“ “ Lungs .....		1	1	21	21	42
“ “ Pleura .....				1	1	2
Diseases of the Circulatory System:—						
Diseases of the Pericardium .....						
“ “ Heart .....	6	1	7	41	31	72
Arterio-sclerosis .....				36	33	69
Aneurism .....				1		1
Diseases of the Blood and Ductless Glands:—						
Anæmia .....				3	2	5
Pernicious Anæmia .....						
Leukæmia .....						
Exophthalmic Goitre .....						
Diseases of the Genito-Urinary System .....				17	10	27
Carried forward .....	10	10	20	234	214	448

TABLE No. 9—BROCKVILLE—Continued.

Showing the Causes of Death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	10	10	20	234	214	448
Diseases of the Nervous System:—						
Diseases of the Nerves.....				1		1
“     “     Spinal Cord ....	1		1	2		2
“     “     Meninges .....		1	1		5	5
Organic Diseases of the Brain: (Tumor, Abscess, Embolism, Thrombosis, Hæmorrhage, and other gross lesions).....	1		1	29	17	46
Functional Nervous Diseases: (Paralysis Agitans, Chorea, Eclampsia, Hysteria).....					1	1
Epilepsy .....		1	1	52	23	75
Mental Diseases:—						
Exhaustion of Acute Mental Dis- ease .....	3	2	5	16	30	46
Exhaustion of Chronic Mental Disease .....	4	3	7	69	47	116
General Paresis .....	2	1	3	51	9	60
Intoxications:—						
Alcoholism .....						
Morphinism .....						
Metallic Poisoning .....						
Heat Stroke .....						
Debility of Old Age.....	8	6	14	47	48	95
Accident .....					1	1
Suicide .....				7	4	11
Surgical Diseases .....		1	1	2	3	5
Gynæcological Diseases .....						
Malignant New Growths, or Cancer...	1		1	12	12	24
Totals .....	30	25	55	522	414	936

TABLE No. 10—BROCKVILLE.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Infection Psychoses:—									
(a) Fever Delirium .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Infection Delirium .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(c) Post Infection Psychoses .....	1	.....	1	.....	.....	.....	.....	.....	.....
Exhaustion Psychoses:—									
(a) Collapsed Delirium .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Acute Confusional Psychoses .....	.....	2	2	.....	2	2	.....	1	1
(c) Neurasthenia .....	3	.....	3	1	.....	1	.....	.....	.....
Intoxication Psychoses:—									
(a) Acute Intoxications .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Chronic “ .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(a) Alcoholism (acute and chronic) ..	7	.....	7	10	.....	10	.....	.....	.....
(b) Delirium Tremens .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(c) Korsakow's Psychoses .....	2	.....	2	.....	.....	.....	.....	.....	.....
(d) Acute Alcoholic Hallucinosiis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(e) Alcoholic Hallucinatory Dementia ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
(f) “ Paranoia .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(g) “ Paresis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(h) Morphinism .....	1	.....	1	1	.....	1	.....	.....	.....
(i) Cocainism .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Thyrogenous Psychoses:—									
(a) Mixœdematous Psychoses .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Cretinism .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dementia Præcox:—									
(a) Hebaphrenic .....	8	18	26	7	14	21	5	6	11
(b) Catatonic .....	14	17	31	5	4	9	4	3	7
(c) Paranoid .....	1	7	8	.....	5	5	.....	1	1
General Paresis .....	1	1	2	.....	.....	.....	2	1	3
Organic Dementias:—									
(a) Cerebral Sclerosis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Huntingdon's Chorea .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(c) Multiple Sclerosis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(d) Cerebral Syphilis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(e) Tabetic Psychoses .....	.....	.....	.....	.....	.....	.....	1	.....	1
(f) Arterio Sclerotic Psychoses .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(g) Cerebral Tumor, Abscess, Hæmorrhage	2	.....	2	.....	.....	.....	.....	.....	.....
Involution Psychoses:—									
(a) Melancholia .....	3	8	11	.....	5	5	2	.....	2
(b) Pre-senile Delusional Psychoses .....	2	2	4	1	1	2	1	3	4
(c) Senile Dementia .....	5	10	15	.....	1	1	8	6	14
Manic Depressive Psychoses:—									
(a) Manic States .....	12	11	23	5	9	14	3	1	4
(b) Depressed States .....	14	5	19	9	3	12	1	1	2
(c) Mixed States .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carried Forward .....	76	81	157	40	44	83	27	23	50



TABLE No. 10—BROCKVILLE—Continued.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	76	81	157	40	44	83	27	23	50
Paranoia .....									
Psychoses from Constitutional Neuroses:—									
(a) Epileptic Psychoses .....	1	3	4	1	....	1	3	1	4
(b) Hysterical Psychoses .....									
(c) Sexualis Psychopathia .....									
States of Deficient Mental Development:—									
(a) Imbecillity .....	9	6	15	4	2	6	....	1	1
(b) Idiocy .....	1	1	2	....					
Not Diagnosed .....									
Not Insane .....		1	1	....	1	1			
Total .....	87	92	179	44	47	91	30	27	55

TABLE No. 11—BROCKVILLE.

Periods.	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on Oct. 31st, 1915.	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged im-proved during the year.	Periods of treatment of those who were discharged unim-proved during the year.	Periods of treatment of those who died during the year.
Under 1 month.....	27	16	1	.....	1	6
From 1 to 2 months.....	14	8	3	1	1	2
" 2 " 3 " .....	23	11	1	2	.....	.....
" 3 " 4 " .....	16	12	6	1	.....	1
" 4 " 5 " .....	7	9	.....	2	1	1
" 5 " 6 " .....	4	11	5	2	.....	.....
" 6 " 9 " .....	19	27	7	8	.....	1
" 9 " 12 " .....	6	29	9	10	.....	2
" 12 " 18 " .....	11	37	9	11	.....	4
" 18 months to 2 years..	6	27	3	2	.....	5
" 2 to 3 years .....	13	67	.....	1	.....	5
" 3 " 4 " .....	7	51	.....	2	.....	5
" 4 " 5 " .....	5	51	.....	1	.....	2
" 5 " 10 " .....	10	147	.....	.....	.....	8
" 10 " 15 " .....	4	112	.....	.....	.....	3
" 15 " 20 " .....	2	108	.....	.....	.....	10
" 20 years and upwards.	5	34	.....	.....	.....	.....
Totals.....	179	757	44	43	3	55

## HOSPITAL FOR THE INSANE, COBOURG.

ANNUAL REPORT OF THE ACTING MEDICAL SUPERINTENDENT FOR THE YEAR  
ENDING OCTOBER 31ST, 1915.

NOVEMBER 3RD, 1915.

TO EDWIN R. ROGERS, ESQ., AND W. W. DUNLOP, ESQ.,  
*Inspectors of Hospitals for the Insane, Toronto, Ontario.*

SIRS,—In accordance with the requirements of the Statutes I have the honour to submit for your consideration the Fourteenth Annual Report of this Hospital for the official year ending October 31st, 1915.

## POPULATION.

During the year twelve patients were admitted to the Hospital. One of these patients was admitted by certificate and one by warrant; the remainder were transferred from the Toronto and Mimico Hospitals for Insane. Six of our patients died during the year and one was transferred to another Hospital for the Insane.

We have increased the capacity of this Hospital from 156 to 160 beds.

## REPAIRS.

Besides the general repairs about the Hospital a considerable amount of work has been done in the different departments. We have installed a system for returning and utilizing the exhaust steam.

Fly screens have been placed on some more of the windows.

## GARDEN.

We have a good crop of garden vegetables with the exception of potatoes, but I understand that the failure of the potato crop is general.

I wish to thank you for the kind consideration and advice you have given me and for the interest you have taken in the welfare of this Hospital for the Insane.

I have the honour to remain,

Your obedient servant,

GEORGE C. KIDD,  
*Acting Medical Superintendent.*

ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE  
HOSPITAL FOR INSANE, COBOURG, FOR THE YEAR  
ENDING OCTOBER 31st, 1915.

TABLE No. 1—COBOURG.

Showing movements of patients in the Hospital for the official year ending October 31st, 1915.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital .....		160	160			
In Residence October 31st, 1914 .....					155	155
Admitted during year 1914-15:—						
By Warrant .....		5	5			
By Medical Certificate.....		7	7		12	12
Total number under treatment during year .....					167	167
Discharges during year:—						
As recovered.....						
" improved .....						
" unimproved .....						
" not insane .....						
Total number discharged during year .....						
Died .....		6	6			
Deported .....						
Eloped .....						
Transferred .....		1	1		7	7
Remaining in Hospital October 31st, 1915 .....					160	160
Total number admitted since opening of Hospital .....					325	325
Total number discharged since opening of Hospital .....		8	8			
Total number died since opening of Hospital ..		118	118			
Total number deported since opening of Hospital .....		2	2			
Total number eloped since opening of Hospital .....						
Total number transferred since opening of Hospital .....		37	37		165	165
Total remaining in Hospital October 31st, 1915 .....					160	160
Daily average population .....		158.25	158.25			
Collective days' stay of all patients in residence during year .....		57,761	57,761			
Number of applications on fyle ....						

TABLE No. 2—COBOURG.

Showing Social State and Religion of Patients admitted during the year and since opening of Hospital.

	Admissions of year.			In residence Oct. 31, 1915.			Admission since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
<b>SOCIAL STATE.</b>									
Single.....	.....	5	5	.....	87	87	.....	177	177
Married .....	.....	5	5	.....	58	58	.....	117	117
Widowed .....	.....	2	2	.....	15	15	.....	31	31
Divorced .....	.....			.....			.....		
Separated .....	.....			.....			.....		
Unascertained .....	.....			.....			.....		
Totals.....	.....	12	12	.....	160	160	.....	325	325
<b>RELIGION.</b>									
Baptists .....	.....			.....	4	4	.....	9	9
Congregationalists .....	.....			.....			.....		
Church of England .....	.....	5	5	.....	45	45	.....	79	79
Methodists .....	.....	4	4	.....	45	45	.....	88	88
Presbyterians .....	.....	3	3	.....	29	29	.....	60	60
Roman Catholics.....	.....			.....	28	28	.....	65	65
Other Denominations.....	.....			.....	2	2	.....	15	15
Unascertained .....	.....			.....	7	7	.....	9	9
Totals .....	.....	12	12	.....	160	160	.....	325	325



TABLE No. 3—COBOURG.

Showing the nativity of patients admitted during the year and since opening of Hospital.

Nativity.	Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Total Admissions .....	.....	12	12	.....	325	325
Total born in Canada .....	.....	9	9	.....	203	203
Armenia .....	.....	.....	.....	.....	.....	.....
Assyria .....	.....	.....	.....	.....	.....	.....
Austria .....	.....	.....	.....	.....	.....	.....
Australia .....	.....	.....	.....	.....	.....	.....
Belgium .....	.....	.....	.....	.....	.....	.....
Bulgaria .....	.....	.....	.....	.....	.....	.....
Central America .....	.....	.....	.....	.....	.....	.....
China .....	.....	.....	.....	.....	.....	.....
Denmark .....	.....	.....	.....	.....	.....	.....
England .....	.....	2	2	.....	45	45
France .....	.....	.....	.....	.....	2	2
Finland .....	.....	.....	.....	.....	.....	.....
Galicia .....	.....	.....	.....	.....	.....	.....
Germany .....	.....	.....	.....	.....	2	2
Greece .....	.....	.....	.....	.....	.....	.....
Holland .....	.....	.....	.....	.....	.....	.....
Hungary .....	.....	.....	.....	.....	42	42
Ireland .....	.....	.....	.....	.....	.....	.....
Italy .....	.....	.....	.....	.....	.....	.....
Japan .....	.....	.....	.....	.....	.....	.....
Macedonia .....	.....	.....	.....	.....	.....	.....
Other British Possessions .....	.....	.....	.....	.....	1	1
Norway .....	.....	.....	.....	.....	1	1
Roumania .....	.....	.....	.....	.....	.....	.....
Russia .....	.....	.....	.....	.....	.....	.....
Scotland .....	.....	1	1	.....	19	19
South America .....	.....	.....	.....	.....	.....	.....
Spain .....	.....	.....	.....	.....	.....	.....
Sweden .....	.....	.....	.....	.....	.....	.....
Turkey .....	.....	.....	.....	.....	7	7
United States .....	.....	.....	.....	.....	3	3
West Indies .....	.....	.....	.....	.....	.....	.....
Unascertained .....	.....	.....	.....	.....	.....	.....
Total .....	.....	12	12	.....	325	325

TABLE No. 4—COBOURG.

Showing the occupation of those admitted during the year and since the opening of the Hospital.

Occupation.	Admitted this Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Professional:—						
Clergy, Military and Naval Officers, Physicians, Lawyers Architects, Artists, Authors, Civil Engin- eers, Surveyors, etc. ....					1	1
Commercial:—						
Bankers, Merchants, Accountants, Clerks, Salesmen, Stenogra- phers, Typewriters, etc. ....					3	3
Agricultural and Pastoral:—						
Farmers, Gardeners, Stock Men, etc. ....						
Mechanics at Outdoor Vocations:—						
Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Po- lice, etc. ....						
Mechanics, etc., at Sedentary Voca- tions:—						
Shoemakers, Bookbinders, Com- positors, Weavers, Tailors, Seam- stresses, Bakers, Factory Work- ers, etc. ....					23	23
Domestic Service:—						
Waiters, Cooks, Servants, etc. ..		2	2		84	84
Education and Higher Domestic Duties:						
Governesses, Teachers, Students, Housekeepers, Nurses, etc. ....		6	6		137	137
Miners, Marine Engineers, Railway Employees, Seamen, etc. ....						
Laborers .....						
No Occupation .....		3	3		76	76
Unascertained .....		1	1		1	1
Total .....		12	12		325	325

TABLE No. 5—COBOURG.

Showing the Counties and Districts from which patients have been admitted during the year,  
and since opening of Hospital.

Counties and Districts.	Admitted during year.			Admitted since opening.			Warrant cases.						Remaining in residence.		
							Admitted during year.			Admitted since opening.					
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Algoma District...					2	2					2	2		1	1
Brant .....					1	1								1	1
Bruce .....					2	2					1	1			
Carleton.....															
Dufferin.....					2	2								1	1
Dundas .....		1	1		23	23					3	3		8	8
Durham .....					2	2								2	2
Elgin .....					1	1					1	1			
Essex .....					10	10					5	5		7	7
Frontenac .....					2	2									
Glengarry .....					6	6					3	3		6	6
Grenville.....					2	2					1	1		1	1
Grey .....					9	9					3	3		4	4
Haldimand .....					6	6					4	4		2	2
Halton .....					2	2					1	1		1	1
Hastings .....					2	2					1	1		1	1
Huron .....					5	5					1	1		1	1
Kent .....					1	1								1	1
Lambton .....															
Lanark.....															
Leeds .....					6	6					4	4		1	1
Lennox and Ad- dington .....					5	5					3	3		4	4
Lincoln .....					13	13					4	4		7	7
Middlesex .....					2	2					1	1		2	2
Muskoka District.															
Nipissing District.															
Norfolk .....					24	24		1	1		7	7		7	7
Northumberland ..		1	1		18	18					10	10		9	9
Ontario .....		1	1		5	5					2	2			
Oxford .....															
Parry Sound Dis- trict .....					3	3					2	2		1	1
Peel.....					3	3					2	2		1	1
Perth .....					19	19					7	7		7	7
Peterborough .....															
Prescott.....					2	2								1	1
Prince Edward ...															
Rainy River Dis- trict .....		1	1		4	4					1	1		2	2
Renfrew.....															
Russell .....					10	10					4	4		4	4
Simcoe .....					2	2					1	1		1	1
Stormont.....					1	1					1	1		1	1
Thunder Bay Dis- trict .....					13	13					6	6		5	5
Victoria .....															
Waterloo .....															
Welland .....					6	6					2	2		3	3
Wellington .....		1	1		9	9					4	4		4	4
Wentworth .....															
York.....		7	7		102	102		4	4		55	55		63	63
Unascertained .....					2	2					2	2		1	1
Totals.....		12	12		325	325		5	5		143	143		160	160



TABLE No. 6—COBOURG.

Showing the assigned causes of insanity in the cases admitted during year.

Causes.	Men.	Women	Tot.l.	Inherited Predisposition.			Un-ascertained.
				Men.	Women.	Total.	
<b>MORAL.</b>							
Adverse Conditions (such as loss of friends, business troubles, etc. ....							
Mental Strain, Worry and Overwork (not included in above) .....		2	2				
Religious Excitement .....							
Love Affairs, including seduction ....							
Fright and Nervous Shock .....							
<b>PHYSICAL.</b>							
Alcoholism .....							
Sexual Excess .....							
Venereal Diseases .....							
Masturbation .....							
Insolation .....							
Accident or Injury .....							
Pregnancy .....							
Parturition and Puerperium .....							
Lactation .....							
Climacteric Period .....							
Fevers .....							
Privation and Overwork .....							
Epilepsy .....							
Other Convulsive Diseases .....							
Diseases of Brain and Skull .....							
Senility .....		1	1				
Exophthalmic Goitre .....							
Epidemic Influenza .....							
Abuse of Drugs .....							
Loss of Special Sense .....							
Uræmia .....							
Other Auto-infection .....							
Other Bodily Diseases .....							
<b>HEREDITARY.</b>							
Congenital Defect .....							
Unascertained.....		9	9		3	3	9
Not Insane .....							
Totals .....		12	12		3	3	9

TABLE No. 7—COBOURG.

Showing hereditary tendency to insanity in patients admitted during the year  
and since the opening of the Hospital.

	Admitted During Year.			Since Opening.		
	Male	Female	Total	Male	Female	Total
Paternal Branch.....		1	1	.....	9	9
Maternal Branch.....		1	1	.....	16	16
Paternal and Maternal Branches.....				.....	6	6
Collateral Branches.....		1	1	.....	32	32
No Hereditary Tendency.....		5	5	.....	213	213
Unascertained.....		4	4	.....	49	49
Totals.....		12	12	.....	325	325

TABLE No. 8—COBOURG.

Showing summary of probational discharges during the year.

	Male.	Female.	Total.
Number Granted Probational Discharge.....	.....	1	1
Discharged, Recovered while on Probation.....	.....	.....	.....
"    Improved    "    "    "    .....	.....	.....	.....
"    Unimproved    "    "    "    .....	.....	.....	.....
Died while on Probation.....	.....	.....	.....
Returned to Hospital.....	.....	1	1
Absent on Probation on October 31st, 1915.....	.....	.....	.....

TABLE No. 9—COBOURG.

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Specific Infectious Diseases:—						
Typhoid Fever .....						
Influenza .....					2	2
Cerebro-spinal Meningitis.....						
Diphtheria .....						
Erysipelas .....						
Septicæmia.....						
Dysentery .....		1	1		6	6
Syphilis .....						
Tuberculosis .....		2	2		11	11
Constitutional Diseases:—						
Rheumatism .....					1	1
Arthritis Deformans .....						
Diabetes Mellitus .....						
Diseases of the Digestive System:—						
Mouth, salivary glands .....						
Pharynx .....						
Tonsils .....						
Œsophagus .....						
Diseases of the Intestines:—						
Diseases of the Liver .....						
Diseases of the Pancreas.....						
Diseases of the Peritoneum.....					1	1
Diseases of the Rectum .....					1	1
Diseases of the Respiratory System:—						
Diseases of the Nose and Larynx.						
“ “ Bronchi .....					1	1
“ “ Lungs .....		2	2		17	17
“ “ Pleura .....						
Diseases of the Circulatory System:—						
Diseases of the Pericardium ...						
Diseases of the Heart.....		1	1		21	21
Arterio-sclerosis .....						
Aneurism .....						
Diseases of the Blood and Ductless Glands:—						
Anæmia .....						
Pernicious Anæmia .....						
Leukæmia.....						
Exophthalmic Goitre .....						
Diseases of the Genito-Urinary System .....					4	4
Carried Forward.....		6	6		65	65



TABLE No. 9—COBOURG—Continued.

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought forward</i> .....		6	6	.....	65	65
Diseases of the Nervous System :—						
Diseases of the Nerves.....						
“   “   Spinal Cord .....						
“   “   Meninges.....					1	1
Organic Diseases of the Brain, (Tumor, Abscess, Embolism, Thrombosis, Hæmorrhage, and other gross lesions).....					4	4
Functional Nervous Diseases, (Paralysis Agitans, Chorea, Eclampsia, Hysteria).....						
Epilepsy .....					3	3
Mental Diseases :—						
Exhaustion of Acute Mental Dis- ease.....					3	3
Exhaustion of Chronic Mental Dis- ease .....					10	10
General Paresis .....					1	1
Intoxications :—						
Alcoholism .....						
Morphinism .....						
Metallic Poisoning .....						
Heat Stroke .....					1	1
Debility of Old Age.....					24	24
Accident .....						
Suicide.....						
Surgical Diseases .....					3	3
Gynæcological Diseases.....						
Malignant new Growths, or Cancer.....					3	3
Totals.....		6	6	.....	118	118

TABLE No. 10—COBOURG,

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Infection Psychoses :—									
(a) Fever Delirium .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Infection Delirium .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(c) Post Infection Psychoses .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Exhaustion Psychoses :—									
(a) Collapsed Delirium .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Acute Confusional Psychoses .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(c) Neurasthenia .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Intoxication Psychoses :									
(a) Acute Intoxications .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Chronic “ .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(a) Alcoholism (acute and chronic) .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Delirium Tremens .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(c) Korsakow's Psychoses .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(d) Acute Alcoholic Hallucinosiis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(e) Alcoholic Hallucinatory Dementia .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(f) “ Paranoia .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(g) “ Paresis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(h) Morphinism .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(i) Cocainism .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Thyroigenous Psychoses :—									
(a) Mixœdematous Psychoses .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Cretinism .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dementia Præcox :—									
(a) Hebaphrenic .....	.....	5	5	.....	.....	.....	.....	.....	.....
(b) Catatonic .....	.....	2	2	.....	.....	.....	.....	3	3
(c) Paranoid .....	.....	2	2	.....	.....	.....	.....	1	1
General Paresis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Organic Dementias :—									
(a) Cerebral Sclerosis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Huntingdon's Chorea .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(c) Multiple Sclerosis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(d) Cerebral Syphilis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(e) Tabetic Psychoses .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(f) Arterio Sclerotic Psychoses .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(g) Cerebral Tumor, Abscess, Hæmorrhage .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Involution Psychoses :—									
(a) Melancholia .....	.....	1	1	.....	.....	.....	.....	.....	.....
(b) Pre-senile Delusional Psychoses .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(c) Senile Dementia .....	.....	1	1	.....	.....	.....	.....	2	2
Manic Depressive Psychoses :—									
(a) Manic States .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Depressed States .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(c) Mixed States .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carried Forward .....	.....	11	11	.....	.....	.....	.....	6	6

TABLE No. 10—COBOURG—*Continued.*

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	....	11	11	....	....	....	....	6	6
Paranoia .....	....	....	....	....	....	....	....	....	....
Psychoses from Constitutional Neuroses :—									
(a) Epileptic Psychoses .....	....	....	....	....	....	....	....	....	....
(b) Hysterical Psychoses .....	....	....	....	....	....	....	....	....	....
(c) Sexualis Psychopathia.....	....	....	....	....	....	....	....	....	....
States of Deficient Mental Development :—									
(a) Imbecility .....	....	1	1	....	....	....	....	....	....
(b) Idiocy .....	....	....	....	....	....	....	....	....	....
Not Diagnosed .....	....	....	....	....	....	....	....	....	....
Not Insane .....	....	....	....	....	....	....	....	....	....
Totals .....	....	12	12	....	....	....	....	6	6

TABLE No. 11—COBOURG.

Periods.	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on Oct. 31st, 1915.	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month.....	....	....	....	....	....	....
From 1 to 2 months.....	....	....	....	....	....	....
“ 2 “ 3 “ .....	....	2	....	....	....	....
“ 3 “ 4 “ .....	1	....	....	....	....	....
“ 4 “ 5 “ .....	....	....	....	....	....	....
“ 5 “ 6 “ .....	1	....	....	....	....	....
“ 6 “ 9 “ .....	....	9	....	....	....	....
“ 9 “ 12 “ .....	1	1	....	....	....	....
“ 12 “ 18 “ .....	1	....	....	....	....	....
“ 18 months to 2 years... ..	1	12	....	....	....	....
“ 2 to 3 years .....	....	15	....	....	....	....
“ 3 “ 4 “ .....	....	9	....	....	....	1
“ 4 “ 5 “ .....	....	24	....	....	....	1
“ 5 “ 10 “ .....	2	24	....	....	....	1
“ 10 “ 15 “ .....	1	64	....	....	....	3
“ 15 “ 20 “ .....	....	....	....	....	....	....
“ 20 years and upwards..	3	....	....	....	....	....
Not ascertained .....	1	....	....	....	....	....
Totals.....	12	160	....	....	....	6



## HOSPITAL FOR THE INSANE, HAMILTON.

E. R. ROGERS, Esq., AND W. W. DUNLOP, Esq.,

*Inspectors of Hospitals for Insane, Parliament Buildings,  
Toronto.*

GENTLEMEN,—In accordance with the Statutory requirements, I beg to submit the 40th Annual Report of this Hospital for the year ending Oct. 31st, 1915.

Our admissions numbered two hundred and thirty-five, a considerable number of whom came from outside our own district, and would ordinarily have gone to Mimico. Our discharges as "recovered" and sufficiently improved to return to the care of friends and many to again become wage earners numbered one hundred and four—equally 44.25 per cent. of those admitted.

We have still some thirty people who should be transferred to the City or County Houses of Refuge in accordance with the Act relating to the matter and trust that steps may soon be taken to have our wards relieved thereof.

## WORK DONE.

Owing to the financial restrictions placed upon us early in the year, we have been able to do much less than usual in the improvements of the buildings by painting, etc., and the grounds by placing of cement curbs and walks, however the present state of repair is very fair.

## WATER MAIN.

The urgently needed extension of the water main from the Main to Hickory Farm was completed after much heavy work—blasting of the rock being required for a depth of from two to four and a half feet for some three thousand feet.

As fire hydrants were placed adjacent to the buildings, we will have ample protection as soon as the necessary hose and apparatus is furnished, in accordance with the recommendation of the Provincial Fire Inspector, for the Hickory Farm group.

## CANNING PLANT.

The slaughter house with its stable has been transformed into a canning factory and our staff installed the necessary machinery and laid cement floors, etc.

## BOILER HOUSE, ORCHARD HOUSE.

In accordance with verbal instructions received from your Inspector of Light, Heat and Power, the grates under the Orchard House boilers and ash pits with drains, etc., were lowered eighteen inches and a fuel saver with steam jet introduced.

## STORAGE BUILDING AND SHED AT HICKORY FARM.

The combined fruit storage, poultry building and driving shed is well nigh completed and thus much needed implement and wagon storage has been provided and adequate space for the fruit from the new thirty-two acre orchard and vinery supplied.

## ICE SUPPLY.

At Hickory Farm also the cement retaining wall has been completed around the one hundred and twenty by three hundred and forty foot pond and the surrounding ground graded and a connection put in to the new water main and thus our ice supply should be of the best as filtered lake water only will be used, the former supply from the springs having been entirely discontinued.

## TILE DRAINING.

The laying of land tile has been completed throughout the new orchard at Hickory Farm and two-thirds of the Main Farm and Garden and we trust that the whole work, with the exception of the stump covered slashing, will be completed during the coming year.

## HOGS.

The *ban* following the discovery of Cholera among our hogs having been raised, a start was made in the early spring by the Farm Director in forwarding to us a few of the best animals from the several Provincial Hospitals and the Ontario Reformatory and we have now some one hundred and seventy-five of all ages on hand and should soon be able to supply our wants for fresh pork, bacon, lard, etc.

## PHYSICAL CULTURE AND RE-EDUCATION:

Much benefit has been derived both physically and mentally through the services of a special instructress in Physical Culture, Basketry and Weaving and those women who have pursued this work were among our best assistants.

## MACHINE GUN AND PATRIOTIC FUND.

Our officers and employees were more than generous when the suggestion was made that as a Hospital we contribute a Machine Gun to aid the thirty-five brave boys of our own staff who are serving at the front and with little effort and no compulsion ten hundred and sixty-five dollars (\$1,065.00) was subscribed and paid in and is available.

These subscriptions were given in addition to the several calls made for the Patriotic and Red Cross Funds. In further addition the lawn bowlers as a club contributed twenty-five dollars (\$25.00) to the British Red Cross Fund.

## CARE OF PATIENTS.

In the care and comfort, especially of the male patients, some advance has been made in that female nurses have been added to the staffs of the Reception and one of the Chronic wards of the Main Building and they have given the utmost satisfaction.

Owing to our being able to have a night watch on each of the wards of the Main Building with Supervisors to make regular rounds, we have been enabled to leave probably two-thirds of the doors of our dormitories and single rooms open and permit the patients to go to the lavatories whensoever they desire and thus do away to a large extent with the air contaminating chambers.

## CHANGES IN THE STAFF.

With the many changes throughout the country incident to the sending forward to Europe of so many of our young men, our staff has suffered much. Dr. C. A. McClenahan was transferred in April to Toronto to fill a vacancy and Dr. W. W. McKenzie resigned in August to prepare for overseas duty.

Some 130 changes have occurred during the year among the employees but we have, however, had little difficulty in filling vacancies and have, as far as possible accepted on the men's side those who had enlisted but had been found unfit for military service.

Thanking you for your ever cheerfully given advice and assistance so frequently asked, and assuring you of the already evident loyalty of our staff,

I am,

Your obedient servant,

W. M. ENGLISH,  
*Medical Superintendent.*



**ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE  
HOSPITAL FOR INSANE, HAMILTON, FOR THE YEAR  
ENDING OCTOBER 31st, 1915.**

TABLE No. 1—HAMILTON.

Showing movements of patients in the Hospital for the official year ending  
October 31st, 1915.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital .....	656	639	1,295			
In Residence October 31st, 1914.....				646	629	1,275
Admitted during year 1914-15:						
By Warrant .....	66	29	95			
By Medical Certificate .....	70	69	139			
Voluntary .....		1	1	136	99	235
Total number under treatment during year .....				782	728	1,510
Discharges during year:—						
As recovered .....	15	15	30			
" improved .....	31	43	74			
" unimproved .....						
" not insane .....						
Total number discharged during year..	46	58	104			
Died .....	61	41	102			
Deported .....	3	1	4			
Eloped .....	4		4			
Transferred .....						
Remaining in Hospital October 31st, 1915 .....				668	628	1,296
Total number admitted since opening of Hospital .....				3,374	3,265	6,639
Total number discharged since open- ing of Hospital .....	1,255	1,428	2,683			
Total number died since opening of Hospital .....	1,081	945	2,026			
Total number deported since opening of Hospital .....	47	8	55			
Total number eloped since opening of Hospital .....	113	9	122			
Total number transferred since open- ing of Hospital .....	210	247	457	2,706	2,637	5,343
Total remaining in Hospital October 31st, 1915 .....				668	628	1,296
Daily average population .....	651	633	1,284			
Collective days' stay of all patients in residence during year .....	237,552	231,194	468,746			
Number of applications on fyle.....	7	4	11			

TABLE No. 2—HAMILTON.

Showing Social State and Religion of patients admitted during the year and since opening of Hospital.

	Admissions of year.			In residence Oct. 31, 1915.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
<b>SOCIAL STATE.</b>									
Single.....	65	45	110	464	339	803	1,799	1,356	3,155
Married.....	64	48	112	182	243	425	1,562	1,896	3,458
Widowed.....	5	6	11	22	46	68	11	12	23
Divorced.....	2	.....	2	.....	.....	.....	2	1	3
Separated.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Unascertained.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	136	99	235	668	628	1,296	3,374	3,265	6,639
<b>RELIGION.</b>									
Baptists.....	13	9	22	47	38	85	196	218	414
Congregationalists.....	2	1	3	8	4	12	28	18	46
Church of England.....	27	17	44	115	114	229	635	581	1,216
Methodists.....	23	33	56	135	148	283	772	805	1,577
Presbyterians.....	18	11	29	109	100	209	620	619	1,239
Roman Catholics.....	29	10	39	133	116	249	601	584	1,185
Other Denominations...	23	17	40	91	79	170	360	340	700
Unascertained.....	1	1	2	30	29	59	162	100	262
Totals.....	136	99	235	668	628	1,296	3,374	3,265	6,639

TABLE No. 3—HAMILTON.

Showing nativity of patients admitted during the year and since opening of Hospital.

Nativity.	Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Total Admissions .....	136	99	235	3,374	3,265	6,639
Total born in Canada .....	81	73	154	2,047	2,075	4,122
Armenia .....						
Assyria .....					1	1
Austria .....	2	1	3	8	2	10
Australia .....				1		1
Belgium .....						
Bulgaria .....				1		1
Central America .....						
China .....				3		3
Denmark .....				1		1
England .....	22	12	34	507	355	862
France .....				2		2
Finland .....	2	1	3	3	1	4
Galicia .....		1	1	2	1	3
Germany .....	1	1	2	5	6	11
Greece .....				9	12	21
Holland .....				1		1
Hungary .....		1	1	4	3	7
Ireland .....	4	4	8	290	403	693
Italy .....	2		2	17	1	18
Japan .....						
Macedonia .....						
Other British possessions .....				95	89	184
Norway .....						
Roumania .....				3		3
Russia .....	6		6	17	6	23
Rutherfordian .....		1	1		1	1
Scotland .....	6	4	10	207	182	389
South America .....				2	1	3
Spain .....						
Sweden .....	2		2	5		5
Turkey .....						
United States .....	8		8	83	82	165
West Indies .....				1		1
Unascertained .....				56	44	100
Poland .....				4		4
Totals .....	136	99	235	3,374	3,265	6,639



TABLE No. 4—HAMILTON.

Showing the occupation of those admitted during the year and since the opening of the Hospital.

Occupation.	Admitted this Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Professional:— Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engineers, Surveyors, etc. ....	4	.....	4	55	2	57
Commercial:— Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typewriters, etc. ....	15	1	16	187	33	220
Agricultural and Pastoral:— Farmers, Gardeners, Stock Men, etc. ....	28	.....	28	959	3	962
Mechanics at Outdoor Vocations:— Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters; Police, etc. ....	20	.....	20	279	2	281
Mechanics, etc., at Sedentary Vocations:— Shoemakers, Bookbinders, Compositors, Weavers, Tailors, Seamstresses, Bakers, Factory Workers, etc. ....	19	7	26	396	113	509
Domestic Service:— Walters, Cooks, Servants, etc. ....	.....	7	7	15	613	628
Education and Higher Domestic Duties:— Governesses, Teachers, Students, Housekeepers, Nurses, etc. ....	3	72	75	84	2,040	2,124
Miners, Marine Engineers, Railway Employees, Seamen, etc. ....	7	.....	7	43	.....	43
Laborers ....	35	.....	35	913	4	917
No Occupation ....	4	12	16	159	226	385
Unascertained ....	1	.....	1	284	229	513
Totals ....	136	99	235	3,374	3,265	6,639

TABLE No. 5—HAMILTON.

Showing the Counties and Districts from which patients have been admitted during the year, and since opening of Hospital.

Counties and Districts.	Admitted during year.			Admitted since opening.			Warrant cases.						Remaining in residence.		
							Admitted during year.			Admitted since opening.					
							Male.	Female.	Total.	Male.	Female.	Total.			
Quebec .....				1	.....	1				1	.....	1	.....	.....	.....
New Brunswick .....				1	.....	1				1	.....	1	1	.....	1
Algoma District ..	1	.....	1	16	6	22	1	.....	1	15	1	16	6	.....	6
Brant .....	8	6	14	184	202	386	2	1	3	73	40	113	42	45	87
Bruce .....		1	1	8	21	29				6	8	14	2	3	5
Carleton .....				10	11	21				9	7	16	.....	2	2
Dufferin .....	2	2	4	63	71	134	1	1	2	33	20	53	13	16	29
Dundas .....				2	3	5				2	1	3	.....	.....	.....
Durham .....				10	17	27				8	7	16	.....	1	1
Elgin .....				7	7	14				3	2	5	1	.....	1
Essex .....				7	1	8				4	1	5	4	.....	4
Frontenac .....				28	10	38				27	3	30	8	2	10
Glengarry .....				5	4	9				4	1	5	.....	.....	.....
Grenville .....				4	3	7				4	2	6	1	1	2
Grey .....	8	12	20	234	184	418	1	3	4	140	67	207	67	52	119
Haldimand .....	6	4	10	137	134	271	1	1	2	61	23	84	25	26	51
Halton .....	8	3	11	113	112	225	2	1	3	46	26	72	22	21	43
Hastings .....				6	8	14				6	6	12	.....	.....	.....
Huron .....				5	14	19				2	4	6	1	1	2
Kent .....				7	7	14				7	1	8	1	1	2
Kenora .....	1	.....	1	1	.....	1					.....	.....	1	.....	1
Lambton .....				11	5	16				9	1	10	2	.....	2
Lanark .....				1	3	4				1	1	2	.....	.....	.....
Leeds .....				4	5	9				4	4	8	1	.....	1
Lennox & Addingt'n .....				11	1	12				10	.....	10	.....	.....	.....
Lincoln .....	6	2	8	165	176	341	1	.....	1	93	49	142	28	24	52
Middlesex .....	1	.....	1	22	14	36				11	8	19	5	1	6
Muskoka District ..	1	.....	1	19	3	22	1	.....	1	11	2	13	4	.....	4
Nipissing District ..		3	3	13	12	25	.....	3	3	55	42	97	4	6	10
Norfolk .....	7	7	14	129	131	260				14	7	21	28	23	51
Northumberland ..				27	17	44				15	8	23	2	.....	2
Ontario .....		1	1	28	35	63	.....	1	1	22	22	44	5	3	8
Oxford .....	1	.....	1	20	19	39				14	10	24	4	1	5
Parry Sound Dist ..	2	.....	2	7	6	13	2	.....	2	7	3	10	3	2	5
Peel .....				21	28	49	.....			8	9	16	3	5	8
Perth .....	1	.....	1	10	12	22	1	.....	1	8	7	15	5	3	8
Peterborough .....				10	18	28				10	11	21	.....	.....	.....
Prescott .....				3	7	10				3	6	9	.....	2	2
Prince Edward .....				5	2	7				3	2	5	.....	.....	.....
Rainy River Dist ..				6	1	7				6	1	7	1	1	2
Renfrew .....				5	2	7				4	.....	4	.....	.....	.....
Russell .....				.....	1	1				.....	1	1	.....	1	1
Simcoe .....				219	165	384				152	82	234	14	9	23
Stormont .....				6	3	9				5	1	6	1	.....	1
Sudbury .....	5	.....	5	5	.....	5	5	.....	5	5	.....	5	4	.....	4
Thunder Bay Dist ..		6	6	16	11	27	.....	5	5	11	9	20	3	8	11
Victoria .....	1	.....	1	14	22	36	1	.....	1	12	18	30	3	1	4
Waterloo .....	8	6	14	207	214	421	4	.....	4	106	38	144	60	57	117
Welland .....	12	11	23	182	106	388	6	2	8	76	38	114	35	43	78
Wellington .....	8	4	12	288	302	590	2	.....	2	105	44	149	60	69	129
Wentworth .....	45	31	76	845	804	1,649	31	11	42	290	127	417	169	173	342
York .....	4	.....	4	219	222	441	4	.....	4	178	162	340	22	24	46
Unascertained .....				7	2	9				2	1	3	5	1	6
Temiskaming .....				4	.....	4				4	.....	4	2	.....	2
Sask .....				1	1	2					.....	.....	.....	.....	.....
Total .....	136	99	235	3,374	3,265	6,639	66	29	95	1,707	934	2,641	668	628	1296

TABLE No. 6—HAMILTON.

Showing the assigned causes of insanity in the cases admitted during year.

Causes.	Men.	Women	Total.	Inherited Predisposition.			Un-ascertained.
				Men.	Women.	Total.	
MORAL.							
Adverse Conditions (such as loss of friends, business troubles, etc.).....	6	5	11	2	5	7	4
Mental Strain, Worry and Overwork (not included in above).....	13	9	22	7	4	11	11
Religious Excitement .....	1	2	3	.....	2	2	1
Love Affairs, including seduction.....	.....	1	1	.....	1	1	.....
Fright and Nervous Shock.....	.....	3	3	.....	2	2	1
PHYSICAL.							
Alcoholism .....	19	2	21	8	.....	8	13
Sexual Excess .....	.....	1	5	1	.....	1	4
Venereal Diseases .....	4	.....	2	.....	.....	.....	2
Masturbation .....	2	.....	.....	.....	.....	.....	.....
Insolation .....	.....	.....	4	.....	.....	.....	4
Accident or Injury .....	4	.....	.....	.....	.....	.....	.....
Pregnancy .....	.....	9	9	.....	3	3	6
Parturition and Puerperium.....	.....	.....	.....	.....	.....	.....	.....
Lactation .....	.....	.....	.....	.....	.....	.....	.....
Climacteric Period .....	.....	.....	.....	.....	.....	.....	.....
Fevers .....	.....	.....	.....	.....	.....	.....	.....
Privation and Overwork.....	1	6	7	.....	2	2	5
Epilepsy .....	6	1	7	.....	.....	.....	7
Other Convulsive Diseases.....	.....	.....	.....	.....	.....	.....	.....
Diseases of Brain and Skull.....	2	.....	2	1	.....	1	1
Senility .....	.....	2	2	.....	1	1	1
Exophthalmic Goitre .....	.....	.....	.....	.....	.....	.....	.....
Epidemic Influenza .....	.....	.....	.....	.....	.....	.....	.....
Abuse of Drugs.....	1	1	2	.....	1	1	1
Loss of Special Sense.....	.....	.....	.....	.....	.....	.....	.....
Uremia .....	.....	.....	.....	.....	.....	.....	.....
Other Auto-infection .....	.....	.....	.....	.....	.....	.....	.....
Other Bodily Diseases.....	2	7	9	1	2	3	6
HEREDITARY.							
Congenital Defect .....	4	3	7	.....	2	2	5
Unascertained .....	71	47	118	15	14	29	89
Not Insane .....	.....	.....	.....	.....	.....	.....	.....
Totals.....	136	99	235	35	39	74	161

TABLE No. 7—HAMILTON.

Showing hereditary tendency to insanity in patients admitted during the year  
and since the opening of the Hospital.

	Admitted During Year			Since Opening		
	Male	Female	Total	Male	Female	Total
Paternal Branch .....	12	10	22	87	55	142
Maternal Branch .....	9	7	16	75	60	135
Paternal and Maternal Branches.....	2	5	7	22	31	53
Collateral Branches.....	15	13	28	103	112	215
No Hereditary Tendency.....	61	42	103	299	267	566
Unascertained.....	37	22	59	315	215	530
Totals.....	136	99	235	901	740	1,641

TABLE No. 8—HAMILTON.

Showing summary of probational discharges during the year.

	Male.	Female.	Total.
Number Granted Probational Discharge .....	51	55	106
Discharged, Recovered while on Probation .....	8	12	20
"    Improved .....	18	27	45
"    Unimproved .....			
Died .....			
Returned to Hospital.....	10	7	17
Absent on Probation on October 31st, 1915.....	15	9	24



TABLE No. 9—HAMILTON.

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<b>Specific Infectious Diseases :—</b>						
Typhoid Fever.....				6	1	7
Influenza.....		1	1	2	3	5
Cerebro-spinal Meningitis.....						
Diphtheria.....						
Erysipelas.....	1	2	3	13	9	22
Septicæmia.....	1	1	2	13	7	20
Dysentery.....	1	2	3	15	16	31
Syphilis.....						
Tuberculosis.....	7	5	12	157	175	332
Jaundice.....				1		1
<b>Constitutional Diseases :—</b>						
Rheumatism.....					1	1
Arthritis Deformans.....						
Diabetes Mellitus.....	1		1	3	1	4
<b>Diseases of the Digestive System :—</b>						
Mouth, salivary glands.....				1		1
Pharynx.....						
Tonsils.....						
Œsophagus.....						
Enteritis.....	1		1	6	13	19
<b>Diseases of the Intestines :—Colitis.....</b>		1	1		1	1
“ “ Diseases of the Liver.....				5	9	14
“ “ Pancreas.....					1	1
“ “ Peritoneum.....				11	8	19
Intestinal Obstruction.....	3		3	8	3	11
<b>Diseases of the Respiratory System :—</b>						
Diseases of the Nose and Larynx.....				1		1
“ “ Bronchi.....				3	2	5
“ “ Lungs.....	9	4	13	73	42	115
“ “ Pleura.....				1	2	3
<b>Diseases of the Circulatory System :</b>						
Diseases of the Pericardium.....						
“ “ Heart.....	3	2	5	74	58	132
Arterio-sclerosis.....	1		1	17	7	24
Aneurism.....				2		2
<b>Diseases of the Blood and Ductless Glands :—</b>						
Anæmia.....				2	5	7
Pernicious Anæmia.....		1	1	9	12	21
Leucæmia.....						
Exophthalmic Goitre.....						
Purpura Hæmorrhage.....				3	3	6
<b>Diseases of the Genito-Urinary System ..</b>		1	1	26	16	42
<i>Carried Forward .....</i>	28	20	48	452	395	847

TABLE No. 9—HAMILTON—*Continued.*

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	28	20	48	452	395	847
Diseases of the Nervous System :—						
Diseases of the Nerves .....					1	1
"      "      Spinal Cord .....						
"      "      Meninges .....				1	6	7
Organic Diseases of the Brain— (Tumor, Abscess, Embolism, Thrombosis, Hæmorrhage, and other gross lesions) .....	4	4	8	63	66	129
Functional Nervous Diseases, (Paralysis Agitans, Chorea, Eclampsia, Hysteria) .....		1	1	1	2	3
Epilepsy .....	1		1	92	55	147
Mental Diseases :—						
Exhaustion of Acute Mental Dis- ease .....	2	5	7	56	127	183
Exhaustion of Chronic Mental Dis- ease .....	5	8	13	75	95	170
General Paresis .....	9		9	153	18	171
Intoxications :—						
Alcoholism .....				2		2
Morphinism .....						
Metallic Poisoning .....						
Heat Stroke .....						
Debility of Old Age .....	11		11	140	121	261
Accident .....				14	2	16
Suicide .....	1	1	2	9	16	25
Surgical Diseases .....				12	12	24
Gynæcological Diseases .....					2	2
Malignant New Growths, or Cancer .....		2	2	11	27	38
Totals .....	61	41	102	1,081	945	2,026

TABLE No. 10—HAMILTON.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Infection Psychoses:—									
(a) Fever Delirium .....	...	1	1	...	3	3	...	1	1
(b) Infection Delirium .....	...	2	2	...	...	...	...	...	...
(c) Post Infection Psychoses .....	...	...	...	...	...	...	...	...	...
Exhaustion Psychoses:—									
(a) Collapsed Delirium .....	1	3	4	...	3	3	...	2	2
(b) Acute Confusional Psychoses .....	2	2	4	1	2	3	...	...	...
(c) Neurasthenia .....	1	...	1	...	...	...	...	...	...
Intoxication Psychoses:—									
(a) Acute Intoxication .....	...	...	...	...	...	...	1	...	1
(b) Chronic .....	...	1	1	...	...	...	...	...	...
(a) Alcoholism (acute and chronic) .....	13	...	13	12	1	13	1	...	1
(b) Delirium Tremens .....	2	...	2	...	...	...	...	...	...
(c) Korsakow's Psychoses .....	...	...	...	...	...	...	...	...	...
(d) Acute Alcoholic Hallucinoses .....	3	...	3	...	...	...	...	...	...
(e) Alcoholic Hallucinatory Dementia .....	...	...	...	...	...	...	...	...	...
(f) " Paranoia .....	2	...	2	...	...	...	...	...	...
(g) " Paresis .....	...	...	...	...	...	...	...	...	...
(h) Morphinism .....	...	...	...	...	...	...	...	...	...
(i) Cocainism .....	1	1	2	1	...	1	...	...	...
Thyroigenous Psychoses:—									
(a) Mixœdematous Psychoses .....	...	...	...	...	...	...	...	...	...
(b) Cretinism .....	...	...	...	...	...	...	...	...	...
Dementia Praecox:									
(a) Hebaphrenic .....	8	5	13	4	2	6	2	...	2
(b) Catatonic .....	37	41	78	10	16	26	5	5	10
(c) Paranoid .....	11	7	18	5	7	12	2	2	4
General Paresis .....	10	...	10	1	...	1	10	...	10
Organic Dementias:—									
(a) Cerebral Sclerosis .....	...	...	...	...	...	...	...	...	...
(b) Huntingdon's Chorea .....	1	...	1	...	...	...	1	...	1
(c) Multiple Sclerosis .....	...	...	...	...	...	...	...	...	...
(d) Cerebral Syphilis .....	...	...	...	...	...	...	...	...	...
(e) Tabetic Psychoses .....	1	...	1	...	...	...	...	...	...
(f) Arterio Sclerotic Psychoses .....	1	...	1	1	...	1	1	...	1
(g) Cerebral Tumor, Abscess, Hæmorrhage ..	2	1	3	...	...	...	...	...	...
Traumatic .....	1	...	1	...	...	...	...	...	...
Involution Psychoses:—									
(a) Melancholia .....	4	7	11	2	4	6	4	1	5
(b) Pre-senile Delusional Psychoses .....	...	...	...	...	...	...	...	...	...
(c) Senile Dementia .....	10	10	20	...	5	5	11	7	18
Manic Depressive Psychoses:—									
(a) Manic States .....	6	4	10	2	7	9	10	10	20
(b) Depressed States .....	7	5	12	1	4	...	7	5	12
(c) Mixed States .....	...	1	1	...	...	...	...	2	2
Carried Forward .....	124	91	215	40	54	94	55	...	90

TABLE No. 10—HAMILTON—Continued.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	124	91	215	40	54	94	55	35	90
Paranoia .....		1	1		2	2			
Psychoses from Constitutional Neuroses :—									
(a) Epileptic Psychoses .....	4	3	7	1	1	2	1	1	2
(b) Hysterical Psychoses .....									
(c) Sexualis Psychopathia .....									
States of Deficient Mental Development :—									
(a) Imbecility .....	5	4	9	2	1	3	1	2	3
(b) Idiocy .....								1	1
Not Diagnosed .....	3		3	3		3	4	2	6
Not Insane .....									
Total .....	136	99	235	46	58	104	61	41	102

TABLE No. 11—HAMILTON.

Periods.	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on Oct. 31st, 1915.	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month.....	34	28	.....	2	.....	13
From 1 to 2 months .....	31	21	.....	.....	.....	4
" 2 " 3 " .....	16	15	1	.....	.....	7
" 3 " 4 " .....	13	10	3	.....	.....	4
" 4 " 5 " .....	7	26	1	3	.....	3
" 5 " 6 " .....	7	18	6	7	.....	.....
" 6 " 9 " .....	11	32	11	15	.....	5
" 9 " 12 " .....	16	23	1	3	.....	4
" 12 " 18 " .....	10	53	2	17	.....	5
" 18 months to 2 years ..	16	43	2	10	.....	5
" 2 to 3 years .....	12	90	1	8	.....	4
" 3 " 4 " .....	8	65	.....	3	.....	7
" 4 " 5 " .....	4	81	1	.....	.....	3
" 5 " 10 " .....	17	279	1	3	.....	10
" 10 " 15 " .....	14	154	.....	1	.....	6
" 15 " 20 " .....	9	122	.....	.....	.....	10
" 20 years and upwards..	10	236	.....	2	.....	12
Totals.....	235	1,296	30	74	.....	102



## ROCKWOOD HOSPITAL FOR INSANE, KINGSTON.

KINGSTON, February 4th, 1916.

*Re* ANNUAL REPORT.

TO E. R. ROGERS, ESQ., AND W. W. DUNLOP, ESQ.,  
*Inspectors of Prisons and Public Charities.*

DEAR SIR,—I have the honour to submit herewith report for the year ending October, 1915.

During that period the number of patients admitted to Rockwood was one hundred and thirty-six, and the number discharged, one hundred and fifty-three.

From the medical side, it has been one of the most successful years of the Hospital. The number of voluntary applicants is increasing from day to day. We are also receiving letters from the friends of patients all over the country, seeking treatment at Rockwood Hospital, and in so far as facilities will admit, we are endeavouring to grant this accommodation.

Many improvements have been made throughout the Hospital, and others are under way. The windows erected in days gone by for safety are now being removed, and replaced by windows purely hospital in their aspect. When this work is completed it will add very much to the physical beauty of the institution, and greatly enhance the hygienic character of the wards. It aids materially in the treatment, to have well lighted and well aired wards, corridors and rooms. The patients mentally effected respond quickly to methods and to surroundings which inspire confidence and hope.

Another step in advance has been the introduction of steam-heating to the various cottages. The old furnaces with their noise, dust and uncertainty have passed, and all points in the Hospital section are now heated from the central building. The change spells a marked improvement.

There has also been during the year a general advancement in every department. This is especially marked in the farm gardens and park, which under the able direction of the officials in charge have become something that Rockwood, and the Province, may be proud of.

Rockwood Hospital has contributed largely of her officers and resources, to the defence of our beloved country. Doctors Graham, Briscoe, Fisher, McCausland, and Williams, all at one time attached to Rockwood, are doing their duty either in the hospital, or on the field of battle. Many of our attendants skilled in nursing have joined various hospital units, and it is a pleasure to learn from time to time that they are acquitting themselves in harmony with the true spirit of Rockwood.

For the Ontario Overseas Hospital, Rockwood has contributed well in the equipping of this unit. From December, 1915, and early January, 1916, our staff of nurses worked nobly in preparing the necessary surgical dressings for this Hospital unit. The work performed was a credit to Rockwood, and I am sure will be of great assistance to the surgical and medical efficiency of the Ontario Military Hospital. My thanks are due to the staff, one and all, irrespective of training or position, who worked faithfully day and night to bring this meritorious work to a successful termination.

There has been no serious illness either among the patients or the staff, nor has there been any untoward incident in the life of the institution during the past year.

The spirit of Rockwood has long been known, and I am glad to say it is increasing day by day, and I feel safe in asserting that never in her history has she so thoroughly and effectively demonstrated her work.

I have the honour to be, Sirs,

Your obedient servant,

EDW. RYAN.

ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE  
HOSPITAL FOR INSANE, KINGSTON, FOR THE YEAR  
ENDING OCTOBER 31ST, 1915

TABLE No. 1—KINGSTON.

Showing movements of patients in the Hospital for the official year ending October 31st, 1915.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital.....	311	268	579			
In Residence, October 31st, 1914.....				311	267	578
Admitted during year 1914-1915 :						
By Warrant .....	11	1	12			
By Medical Certificate and Voluntary .....	69	55	124	80	56	136
Total number under treatment during year .....				391	323	714
Discharges during year:—						
As recovered .....	26	27	53			
" improved .....	19	14	33			
" unimproved .....		1	1			
" not insane .....	3		3			
Total number discharged during year.	48	42	90			
Died .....	29	28	57			
Deported .....	2	1	3			
Eloped .....	3		3			
Transferred .....				82	71	153
Remaining in Hospital, October 31st, 1915.....				309	252	561
Total number admitted since opening of Hospital .....				2,818	2,388	5,206
Total number discharged since opening of Hospital .....	1,280	1,139	2,419			
Total number died since opening of Hospital .....	890	692	1,582			
Total number deported since opening of Hospital .....	10	3	13			
Total number eloped since opening of Hospital .....	85	1	86			
Total number transferred since opening of Hospital .....	244	301	545	2,509	2,136	4,645
Total remaining in Hospital October 31st, 1915.....				309	252	561
Daily average population .....	312	257	569			
Collective days' stay of all patients in residence during year .....	113,909	93,837	207,746			
Number of applications on fyle.....	4	2	6			

TABLE No. 2—KINGSTON.

Showing social state and religion of patients admitted during the year and since opening of Hospital.

	Admissions of Year.			In residence Oct. 31, 1915.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
<b>SOCIAL STATE.</b>									
Single .....	57	25	82	233	136	369	1,631	1,048	2,679
Married .....	20	26	46	75	101	176	1,135	1,281	2,416
Widowed .....	2	5	7	1	14	15	44	52	96
Divorced .....	1	.....	1	.....	.....	.....	1	1	2
Separated .....	.....	.....	.....	.....	1	1	7	6	13
Unascertained .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total .....	80	56	136	309	252	561	2,818	2,388	5,206
<b>RELIGION.</b>									
Baptists .....	2	.....	2	6	4	10	50	43	93
Congregationalists ...	.....	.....	.....	1	1	2	11	8	19
Church of England ..	13	10	23	48	43	91	544	458	1,002
Methodists .....	23	21	44	86	79	165	652	618	1,270
Presbyterians .....	8	5	13	35	35	70	415	384	799
Roman Catholics .....	21	15	36	85	72	157	863	729	1,592
Other Denominations..	8	5	13	29	16	45	186	110	296
Unascertained .....	5	.....	5	19	2	21	97	38	135
Total .....	80	56	136	309	252	561	2,818	2,388	5,206



TABLE No. 3—KINGSTON.

Showing nativity of patients admitted during the year and since opening of Hospital.

Nativity.	Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Total Admissions .....	80	56	136	2,818	2,388	5,206
Total born in Canada .....	60	49	109	1,954	1,695	3,649
Armenia .....				2		2
Assyria .....						
Austria .....	4		4	4		4
Australia .....						
Belgium .....						
Bulgaria .....						
Central America .....						
China .....						
Denmark .....						
England .....	4	1	5	221	150	371
France .....				2	1	3
Finland .....				1	2	3
Galicia .....					1	1
Germany .....	7	2	9	42	20	62
Greece .....						
Holland .....						
Hungary .....	1		1	1		1
Ireland .....	1	3	4	337	306	643
Italy .....				4		4
Japan .....				1		1
Macedonia .....						
Other British Possessions .....				6	4	10
Norway .....						
Roumania .....						
Russia .....	2		2	16	2	18
Scotland .....	1	1	2	98	95	193
Switzerland .....				6		6
Spain .....						
Sweden .....				3		3
Turkey .....						
United States .....				37	31	68
West Indies .....				1	1	2
Other Countries .....				4	8	12
Unascertained .....				78	72	150
Totals .....	80	56	136	2,818	2,388	5,206

TABLE No. 4—KINGSTON.

Showing the occupation of those admitted during the year and since the opening of the Hospital.

Occupation.	Admitted this Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Professional:—						
Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engineers, Surveyors, etc. ....	7	.....	7	81	2	83
Commercial:—						
Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers Typewriters, etc. ....	6	.....	6	215	6	221
Agricultural and Pastoral:—						
Farmers, Gardeners, Stock Men, etc. . . . .	22	.....	22	848	4	852
Mechanics at Outdoor Vocations:—						
Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc. ....	5	.....	5	273	.....	273
Mechanics, etc., at Sedentary Vocations:—						
Shoemakers, Bookbinders, Compositors, Weavers, Tailors, Seamstresses, Bakers, Factory Workers, etc. ....	2	2	4	195	142	337
Domestic Service:—						
Waiters, Cooks, Servants, etc. ...	1	7	8	27	486	513
Education and Higher Domestic Duties: Governesses, Teachers, Students, Housekeepers, Nurses, etc. ....	2	36	38	36	1,284	1,320
Miners, Marine Engineers, Railway Employees, Seamen, etc. ....	4	.....	4	70	.....	70
Laborers . . . . .	18	.....	18	777	.....	777
No Occupation . . . . .	10	11	21	116	205	321
Unascertained . . . . .	3	.....	3	137	180	317
Other Occupations . . . . .	.....	.....	.....	43	79	122
<b>Total . . . . .</b>	<b>80</b>	<b>56</b>	<b>136</b>	<b>2,818</b>	<b>2,388</b>	<b>5,206</b>

TABLE No. 5—KINGSTON.

Showing the Counties and Districts from which patients have been admitted during the year and since opening of Hospital.

Counties and Districts.	Admitted during year.			Admitted since opening.			Warrant cases.						Remaining in residence.		
							Admitted during year.			Admitted since opening.					
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Algoma District...				4	2	6				3	2	5			
Brant .....				6	7	13				6	7	13			
Bruce .....				3	6	9				3	5	8			
Carleton.....	2		2	205	164	369				166	125	291	24	14	38
Dufferin .....															
Dundas .....				37	33	70							2	2	4
Durham .....	2	2	4	58	53	111	2		2	16	6	22	2	7	9
Elgin.....				3	4	7				3	4	7			
Essex .....				3	2	5				3	2	5			
Frontenac .....	22	18	40	574	517	1,091	1		1	170	106	276	50	67	117
Glengarry .....				56	53	109							5	5	10
Grenville .....				58	52	110							1	2	3
Grey .....	1		1	8	10	18				7	9	16	1	1	2
Haldimand .....				6	7	13				6	6	12			
Halton .....				3	2	5				2	1	3			
Hastings .....	8	13	21	307	258	565	1		1	135	67	202	48	39	87
Haliburton.....				2	1	3				2		2	1	1	2
Huron .....				6	5	11				6	5	11			
Kent .....				4	1	5				4		4			
Lambton .....				12	2	14				12	2	14			
Lanark.....	1		1	126	126	252				97	87	184	7	6	13
Leeds .....	2	2	4	93	83	176				79	57	136	8	3	11
Lennox and Adding- ton.....	9	6	15	203	182	385	1		1	96	46	142	23	18	41
Lincoln .....				9	7	16				9	5	14			
Middlesex .....				9	6	15				9	4	10	1		1
Muskoka District..				1	1	2					1	1			
Nipissing District..				1	1	2					1	1	1		1
Norfolk .....				7	5	12				7	5	12	1		1
Northumberland ..	8	3	11	153	183	336	4	1	5	95	66	161	39	27	66
Ontario .....	1		1	21	23	44	1		1	19	22	41	2		2
Oxford .....				14	4	18				14	3	17			
Parry Sound Dist.															
Peel .....				4	1	5				4	1	5			
Perth .....				10	10	20				10	9	19			
Peterborough .....		1	1	18	24	42				8	9	17	3	3	6
Prescott .....				48	30	78				41	24	65	1	2	3
Prince Edward ...	1	3	4	120	89	209				37	17	54	24	12	36
Rainy River Dist.				1		1				1		1			
Renfrew .....	9	7	16	218	205	423				59	22	81	35	31	66
Russell .....					2	2								1	1
Simcoe .....				14	12	26				13	11	24			
Stormont.....				55	48	103				111	73	184	2	2	4
Thunder Bay Dist.				1		1							1		
Victoria .....				10	13	23				10	12	22	3		3
Waterloo .....	1		1	14	4	18				12	4	16	1		1
Welland .....				8	5	13				8	5	13	1	1	2
Wellington.....				6	4	10				4	4	8			
Wentworth .....				18	21	39				14	13	27	1	3	4
York .....		1	1	55	69	124				38	50	88	9	3	12
Unascertained .....				207	49	256				29	7	36	2	1	3
Other Counties.....	2		2	8	2	10	1		1	1		1	3	1	4
War Prisoners.....	11		11	11		11							7		7
Total.....	80	56	136	2,818	2,388	5,206	11	1	12	1,366	905	2,271	309	252	561



TABLE No. 6—KINGSTON.

Showing the assigned causes of insanity in the cases admitted during year.

Causes.	Men.	Women	Total.	Inherited Predisposition.			Un-ascertained.
				Men.	Women.	Total.	
<b>MORAL.</b>							
Adverse Conditions (such as loss of friends, business troubles, etc.).....	11	3	14	.....	.....	.....	.....
Mental Strain, Worry and Overwork (not included in above) .....	8	6	14	.....	.....	.....	.....
Religious Excitement .....	1	1	2	.....	.....	.....	.....
Love Affairs, including seduction ...	1	1	2	.....	.....	.....	.....
Fright and Nervous Shock .....	.....	1	1	.....	.....	.....	.....
<b>PHYSICAL.</b>							
Alcoholism.....	11	1	12	4	3	7	.....
Sexual Excess .....	.....	1	2	.....	.....	.....	.....
Venereal Diseases .....	1	.....	1	.....	.....	.....	.....
Masturbation .....	1	.....	1	.....	.....	.....	.....
Insolation .....	1	1	2	.....	.....	.....	.....
Accident or Injury .....	4	1	5	.....	.....	.....	.....
Pregnancy .....	.....	2	2	.....	.....	.....	.....
Parturition and Puerperium .....	.....	4	4	.....	.....	.....	.....
Lactation .....	.....	.....	.....	.....	.....	.....	.....
Climacteric Period .....	.....	4	4	.....	.....	.....	.....
Fevers .....	.....	1	1	.....	.....	.....	.....
Privation and Overwork .....	.....	1	1	.....	.....	.....	.....
Epilepsy .....	7	2	9	2	.....	2	.....
Other Convulsive Diseases .....	1	.....	1	.....	.....	.....	.....
Diseases of Brain and Skull .....	.....	.....	.....	.....	.....	.....	.....
Senility .....	6	2	8	.....	.....	.....	.....
Exophthalmic Goitre .....	.....	.....	.....	.....	.....	.....	.....
Epidemic Influenza .....	.....	.....	.....	.....	.....	.....	.....
Abuse of Drugs .....	.....	2	2	.....	.....	.....	.....
Loss of Special Sense .....	.....	.....	.....	.....	.....	.....	.....
Uræmia .....	.....	1	1	.....	.....	.....	.....
Other Auto-infection .....	.....	5	5	.....	1	1	.....
Other Bodily Diseases .....	6	3	9	3	9	12	.....
<b>HEREDITARY</b> .....	.....	.....	.....	18	16	34	.....
Congenital Defect .....	3	2	5	1	1	2	.....
Unascertained .....	15	11	26	49	26	75	.....
Not Insane .....	3	.....	3	3	.....	3	.....
<b>Total</b> .....	80	56	136	80	56	136	.....



TABLE No. 7—KINGSTON.

Showing hereditary tendency to insanity in patients admitted during the year  
and since the opening of the Hospital.

	Admitted during year.			Since 1908.		
	Male.	Female.	Total.	Male.	Female.	Total.
Paternal Branch.....	13	10	23	90	85	175
Maternal Branch .....	6	6	12	63	62	125
Paternal and Maternal Branches .....	1	1	2	13	11	24
Collateral Branches.....	5	7	12	47	48	95
No Hereditary Tendency .....	9	4	13	58	37	95
Unascertained.....	43	28	71	315	212	527
Not Insane.....	3	.....	3	6	.....	6
Totals .....	80	56	136	592	455	1,047

TABLE No. 8—KINGSTON.

Showing summary of Probational discharges during the year.

	Male.	Female.	Total.
Number granted probational discharge .....	33	37	70
Discharged, Recovered while on probation .....	13	21	34
" Improved .....	9	7	16
" Unimproved .....	.....	.....	.....
Not insane.....	1	.....	1
Died .....	.....	1	1
Returned to Hospital .....	8	8	16
Absent on Probation on Oct. 31st, 1915.....	2	.....	2
	33	37	70

TABLE No. 9—KINGSTON.

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since 1908.		
	Male.	Female.	Total.	Male.	Female.	Total.
<b>Specific Infectious Diseases:—</b>						
Typhoid Fever .....		1	1	1	2	3
Influenza .....						
Cerebro-Spinal Meningitis .....						
Diphtheria .....						
Erysipelas .....		1	1		1	1
Septicaemia .....				3		3
Dysentery .....					1	1
Syphilis .....				2		2
Tuberculosis .....	8	4	12	32	27	59
<b>Constitutional Diseases:—</b>						
Rheumatism .....						
Arthritis Deformans .....						
Diabetes Mellitus .....					1	1
<b>Diseases of the Digestive System:—</b>						
Mouth, Salivary Glands .....						
Pharynx .....						
Tonsils .....						
Œsophagus .....						
Stomach .....		1	1		1	1
<b>Diseases of the Intestines:—</b>						
Diseases of the Liver .....	1	1	2	6	7	13
“ “ Pancreas .....				1	1	1
“ “ Peritoneum .....				4		4
<b>Diseases of the Respiratory System:—</b>						
Diseases of the Nose and Larynx .....						
“ “ Bronchi .....						
“ “ Lungs .....		4	4	27	30	57
“ “ Pleura .....						
<b>Diseases of the Circulatory System:—</b>						
Diseases of the Pericardium .....					1	1
“ “ Heart .....	2	3	5	21	15	36
Arterio-sclerosis .....	3	2	5	14	4	18
Aneurism .....				1		1
<b>Diseases of the Blood and Ductless Glands:—</b>						
Anæmia .....						
Pernicious Anæmia .....		1	1		1	1
Leucæmia .....						
Exophthalmic Goitre .....					1	1
Adrenal Glands .....						
<b>Diseases of the Genito-Urinary System</b>						
		1	1	3	5	8
<i>Carried Forward</i> .....	14	19	33	115	98	213

TABLE No. 9—KINGSTON—*Continued.*

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since 1908.		
	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	14	19	33	115	98	213
Diseases of the Nervous System:—						
Diseases of the Nerves .....						
“     “     Spinal Cord .....				1		1
“     “     Meninges .....						
Organic Diseases of the Brain, (Tumor, Abscess, Embolism, Thrombosis, Hæmorrhage, and other gross lesions) .....	1		1	12	11	23
Functional Nervous Diseases, (Paralysis Agitans, Chorea, Eclampsia, Hysteria) .....						
Epilepsy .....	1	1	2	4	3	7
Mental Diseases:—						
Exhaustion of Acute Mental Di- sease .....	1	1	2	8	4	12
Exhaustion of Chronic Mental Disease .....	2	1	3	3	5	8
General Paresis .....	5	1	6	26	2	28
Intoxications:—						
Alcoholism .....						
Morphinism .....				1		1
Metallic Poisoning .....						
Heat Stroke .....						
Debility of Old Age .....	2	1	3	9	5	14
Accident .....				3	1	4
Suicide . . . . .	2		2	4	1	5
Surgical Diseases .....					1	1
Gynæcological Diseases .....						
Malignant New Growths, or Cancer ..	1	3	4	3	16	19
Died while on probation, cause unknown.		1	1		1	1
Total . . . . .	29	28	57	189	148	337

TABLE No. 10—KINGSTON.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
<b>Infection Psychoses:—</b>									
(a) Fever Delirium .....									
(b) Infection Delirium .....		1	1		3	3			
(c) Post Infection Psychoses .....		3	3		1	1			
<b>Exhaustion Psychoses:—</b>									
(a) Collapsed Delirium .....		2	2		1	1		3	3
(b) Acute Confusional Psychoses .....		3	3		1	1			
(c) Neurasthenia .....		1	1	1	1	2			
<b>Intoxication Psychoses:—</b>									
(a) Acute Intoxications .....									
(b) Chronic " .....									
(a) Alcoholism (acute and chronic) .	4		4	10		10			
(b) Delirium Tremens .....									
(c) Korsakow's Psychoses .....									
(d) Acute Alcoholic Hallucinosiis .....									
(e) Alcoholic Hallucinatory Dementia	1		1						
(f) " Paranoia .....	1		1						
(g) " Paresis .....							1		1
(h) Morphinism .....		1	1		1	1			
(i) Cocainism .....				1		1			
<b>Thyroidogenous Psychoses:—</b>									
(a) Mixedematous Psychoses .....		1	1						
(b) Cretinism .....									
(c) Exophthalmic Goitre .....							1		1
<b>Dementia Praecox:—</b>									
(a) Hebaphrenic .....	1		1	1	2	3	3		3
(b) Catatonic .....	4	3	7		2	2	4	1	5
(c) Paranoid .....	19	7	26	6	4	10	6	3	9
<b>General Paresis:—</b>	1	1	2	2	1	3	5	1	6
<b>Organic Dementias:—</b>									
(a) Cerebral Sclerosis .....									
(b) Huntingdon's Chorea .....									
(c) Multiple Sclerosis .....									
(d) Cerebral Syphilis .....									
(e) Tabetic Psychoses .....									
(f) Arterio Sclerotic Psychoses .....	5	1	6				2	1	3
(g) Cerebral Tumor, Abscess, Hæmorrhage	2		2						
(h) Traumatic .....	1		1					1	1
<b>Involution Psychoses:—</b>									
(a) Melancholia .....	2	1	3	3		3			
(b) Pre-senile Delusional Psychoses .....	3	2	5	2	2	4	2	7	9
(c) Senile Dementia .....									
<b>Manic Depressive Psychoses:—</b>									
(a) Manic States .....	9	6	15	10	6	16		4	4
(b) Depressed States .....	8	13	21	6	15	21	1	1	2
(c) Mixed States .....	1		1				1		1
<i>Carried Forward</i> .....	62	46	108	42	40	82	22	26	48



TABLE No. 10—KINGSTON—Continued.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	62	46	108	42	40	82	22	26	48
Paranoia: .....	3	3	6	2	2	4	....	1	1
Psychoses from Constitutional Neuroses:—									
(a) Epileptic Psychoses .....	8	2	10	2	....	2	4	1	5
(b) Hysterical Psychoses .....	....	2	2	....	1	1	....	....	....
(c) Sexualis Psychopathia .....	....	....	....	....	....	....	....	....	....
States of Deficient Mental Development:—									
(a) Imbecility .....	2	3	5	1	....	1	1	....	1
(b) Idiocy .....	....	....	....	....	....	....	1	....	1
Not Diagnosed: .....	2	....	2	....	....	....	1	....	1
Not Insane: .....	3	....	3	3	....	3	....	....	....
Total .....	80	56	136	50	43	93*	29	28	57

\* Deported, 3.

TABLE No. 11—KINGSTON.

Periods.	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on 31st October, 1915.	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month.....	11	9	4	1	....	5
From 1 to 2 months .....	13	14	1	4	....	1
" 2 " 3 " .....	9	6	6	1	....	3
" 3 " 4 " .....	11	7	7	2	1	2
" 4 " 5 " .....	1	11	3	1	....	1
" 5 " 6 " .....	2	6	7	1	....	....
" 6 " 9 " .....	7	11	7	....	....	3
" 9 " 12 " .....	4	17	7	2	....	3
" 12 " 18 " .....	5	31	7	6	....	7
" 18 months to 2 years...	2	18	....	1	....	3
" 2 to 3 years .....	9	35	3	4	....	7
" 3 " 4 " .....	6	26	....	....	....	3
" 4 " 5 " .....	2	22	....	1	....	2
" 5 " 10 " .....	1	88	1	3	....	6
" 10 " 15 " .....	2	78	....	2	....	3
" 15 " 20 " .....	2	48	....	2	....	2
" 20 years and upwards..	1	154	....	2	....	6
Unascertained .....	48	....	....	....	....	....
Totals.....	136	561	53	33	1	57

## HOSPITAL FOR INSANE, LONDON.

TO E. R. ROGERS, ESQ., AND W. W. DUNLOP, ESQ.,  
*Inspectors of Prisons and Public Charities.*

SIRS,—I beg to present the forty-fifth Annual Report of the Hospital for the Insane, London, for the year ending October 31st, 1915.

TABLE No. 1.

—	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital.....	511	555	1,066			
In Residence, October 31st, 1915.....				537	600	1,137
Admitted during year 1915—						
By Warrant.....	28	9	37			
By Medical Certificate.....	79	105	184	107	114	221
Total number under treatment during year .....				644	714	1,358
Discharges during year—						
As recovered.....	27	30	57			
As improved.....	17	20	37			
As unimproved .....	2	8	10			
As not insane.....						
Total number discharged during year..	46	58	104			
Died .....	51	48	99			
Deported .....	1		1			
Eloped .....	1		1			
Transferred .....	1		1	100	106	206
Remaining in Hospital October 31st, 1915 .....				544	608	1,152
Total admitted since opening of Hospital .....				3,889	3,576	7,465
“ discharged “ “ “ “ .....	1,664	1,613	3,277			
“ died “ “ “ “ .....	1,285	1,091	2,376			
“ deported “ “ “ “ .....	13	4	17			
“ eloped “ “ “ “ .....	137	16	153			
“ transferred “ “ “ “ .....	246	244	490	3,345	2,968	6,313
Total remaining in Hospital October 31st, 1915 .....				544	608	1,152
Daily average population.....	538.8	593.9	1128.7			
Collective day's stay of all patients in residence during year .....	199,348	222,159	421,507			
Number of applications on file .....	1	4	5			

The total number under treatment during the year was thirteen hundred and fifty-eight, an increase of three as compared with the previous year. The total number of discharges during the year amounted to one hundred and four, or forty-seven per cent. of the admissions. Although this rate is very much lower than the average of the past few years, it is still higher than the average discharge rate since the opening of the institution.

During the year, there were ninety-nine deaths. A very considerable number of these deaths were due to diseases of the respiratory system. The gradual increase in the death rate from respiratory diseases indicates the urgent need at this institution of an isolation hospital where infectious diseases of all kinds, more especially pulmonary tuberculosis, can be properly segregated.

## WATER SUPPLY AND FIRE APPLIANCES.

We are now abundantly supplied with pure water. Our own supply has proved in the past quite sufficient for our ordinary domestic purposes and a connection made during the past summer with the water mains of the City of London will, at all times, ensure an abundant supply in the event of a fire.

While the water supply and the fire mains and hydrants are in first class condition, the same cannot be said regarding many of the fire fighting appliances. A suitable fire hall with sleeping accommodation for several men and at least one paid fireman, a fire alarm system and new ladders, etc., are, in my opinion, necessary to protect the lives and property entrusted to our charge. I would also recommend that the question of fire escapes from the Main Building and Cottages be carefully considered. In the event of a serious fire, especially in the cottages, lives might be jeopardized for want of suitable fire escapes.

## HEATING SYSTEM.

During the year a great improvement has been made in our heating system, and at the present time our hospital, three cottages and the Superintendent's residence are all heated by hot water from steam generated in the main boiler house. The system appears to work to perfection and rooms which could never be heated under the old system are now very comfortable in the coldest weather. Sufficient time has not elapsed to show how much saving will be effected under this new arrangement.

## PATRIOTIC WORK.

Since the war began in August, 1914, a large number of our employees have enlisted. Many of them have passed through all the engagements in which the Canadian troops took part and while several have been seriously wounded, none, at the date of writing, have lost their lives. Every week one or more of our young men are going and the difficulty of getting suitable employees is bound to become quite a serious matter.

We have established a Patriotic Association in connection with our institution to which practically all our employees are contributing monthly and in addition we have an active branch of the Red Cross Society. Many of the patients, as well as the nurses and other employees, spend their spare moments in making supplies of various kinds for sick and wounded soldiers at the front.

## RELIGIOUS SERVICES.

I must again tender my sincere thanks to the clergymen of the various churches in the City of London for faithfully conducting divine service every Sunday during the year.

## VISITING PATHOLOGIST.

The report of Dr. Fidler, visiting Pathologist, is appended.

I have the honour to be, Sirs,

Your obedient servant,

W. J. ROBINSON,  
*Medical Superintendent.*



ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE  
HOSPITAL FOR INSANE, LONDON, FOR THE YEAR  
ENDING OCTOBER 31st, 1915

TABLE No. 1—LONDON.

Showing movements of patients in the Hospital for the official year ending October 31st, 1915.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital.....	511	555	1,066			
In residence, October 31st, 1914 .....				537	600	1,137
Admitted during year 1915:—						
By Warrant .....	28	9	37			
By Medical Certificate.....	79	105	184	107	114	221
Total number under treatment during year .....				644	714	1,358
Discharges during year:—						
As recovered .....	27	30	57			
" improved .....	17	20	37			
" unimproved .....	2	8	10			
" not insane .....						
Total number discharged during year.	46	58	104			
Died .....	51	48	99			
Deported .....	1		1			
Eloped .....	1		1			
Transferred .....	1		1	100	106	206
Remaining in Hospital, October 31st, 1915.....				544	608	1,152
Total number admitted since opening of Hospital .....				3,889	3,576	7,465
Total number discharged since opening of Hospital .....	1,664	1,613	3,277			
Total number died since opening of Hospital .....	1,285	1,091	2,376			
Total number deported since opening of Hospital .....	13	4	17			
Total number eloped since opening of Hospital .....	137	16	153			
Total number transferred since opening of Hospital .....	246	244	490	3,345	2,968	6,313
Total remaining in Hospital, October 31st, 1915.....				544	608	1,152
Daily average population .....	534.8	593.9	1,128.7			
Collective days' stay of all patients in residence during year .....	199,348	222,159	421,507			
Number of applications on fyle.....	1	4	5			



TABLE No. 2—LONDON.

Showing social state and religion of patients admitted during the year and since opening of Hospital.

	Admissions of Year.			In residence Oct. 31, 1915.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
<b>SOCIAL STATE.</b>									
Single .....	65	49	114	395	313	708	2,173	1,381	3,554
Married .....	41	65	106	141	277	418	1,676	2,140	3,816
Widowed .....	1	.....	1	6	17	23	38	55	93
Divorced .....	.....	.....	.....	1	1	2	.....	.....	.....
Separated .....	.....	.....	.....	.....	.....	.....	2	.....	2
Unascertained .....	.....	.....	.....	1	.....	1	.....	.....	.....
<b>Totals.....</b>	<b>107</b>	<b>114</b>	<b>221</b>	<b>544</b>	<b>608</b>	<b>1,152</b>	<b>3,889</b>	<b>3,576</b>	<b>7,465</b>
<b>RELIGION.</b>									
Baptists .....	8	14	22	44	47	91	269	282	551
Congregationalists ....	1	2	3	4	6	10	32	29	61
Church of England ...	11	17	28	80	88	168	700	620	1,320
Methodists .....	33	37	70	133	172	305	925	981	1,906
Presbyterians .....	23	18	41	118	147	265	860	769	1,629
Roman Catholics ....	20	23	43	94	105	199	620	589	1,209
Other Denominations	5	3	8	23	38	61	256	184	440
Unascertained .....	6	.....	6	48	5	53	227	122	349
<b>Totals.....</b>	<b>107</b>	<b>114</b>	<b>221</b>	<b>544</b>	<b>608</b>	<b>1,152</b>	<b>3,889</b>	<b>3,576</b>	<b>7,465</b>

TABLE No. 3—LONDON.

Showing nativity of patients admitted during the year and since opening of Hospital.

Nativity.	Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Total Admissions .....	107	114	221	3,889	3,576	7,465
Total born in Canada .....	90	92	182	2,472	2,312	4,784
Armenia .....						
Assyria .....				2	1	3
Austria .....						
Australia .....						
Belgium .....						
Bulgaria .....						
Central America .....						
China .....				1		1
Denmark .....					2	2
England .....	8	12	20	486	374	860
France .....				3	5	8
Finland .....						
Galicia .....						
Germany .....	1	1	2	48	45	93
Greece .....						
Holland .....				2		2
Hungary .....						
Ireland .....	1	3	4	372	431	803
Italy .....		1	1	3	4	7
Japan .....						
Macedonia .....				6	2	8
Other British Possessions .....						
Norway .....						
Roumania .....						
Russia .....	2		2	6	4	10
Scotland .....	5	5	10	281	222	503
South America .....						
Spain .....						
Sweden .....				6		6
Turkey .....				5		5
United States .....				116	102	218
West Indies .....				2	1	3
Unascertained .....				78	71	149
Totals .....	107	114	221	3,889	3,576	7,465

TABLE No. 4—LONDON.

Showing the occupation of those admitted during the year and since the opening of the Hospital.

Occupation.	Admitted this Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Professional:— Clergy, Military and Naval Officers, Physicians, Lawyers, Architects Artists, Authors, Civil Engin- eers, Surveyors, etc. ....	8	.....	8	75	25	100
Commercial:— Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typewriters, etc. ....	9	6	15	292	40	332
Agricultural and Pastoral:— Farmers, Gardeners, Stock Men, etc. ....	35	.....	35	1,528	121	1,649
Mechanics at Outdoor Vocations:— Railway and Stationary Engin- eers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Paint- ers, police, etc. ....	29	.....	29	327	.....	327
Mechanics, etc., at Sedentary Voca- tions:— Shoemakers, Bookbinders, Com- positors, Weavers, Tailors, Seam- stresses, Bakers, Factory Work- ers, etc. ....	4	2	6	300	119	419
Domestic Service:— Waiters, Cooks, Servants, etc. ....	.....	5	5	22	507	529
Education and Higher Domestic Duties: Governesses, Teachers, Students Housekeepers, Nurses, etc. ....	2	76	78	51	2,171	2,222
Miners, Marine Engineers, Railway Employees, Seamen, etc. ....	.....	.....	.....	53	.....	53
Laborers .....	18	.....	18	974	1	975
No Occupation ....	2	25	27	81	246	327
Unascertained .....	.....	.....	.....	186	346	532
Totals.....	107	114	221	3,889	3,576	7,465



TABLE No. 5—LONDON.

Showing the Counties and Districts from which patients have been admitted during the year, and since opening of Hospital.

Counties and Districts.	Admitted during year.			Admitted since opening.			Warrant cases.						Remaining in residence.		
							Admitted during year.			Admitted since opening.					
	Male.	Female.	Total	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Algoma District ..	2	....	2	11	7	18	....	....	....	8	2	10	2	...	2
Brant .....	....	....	....	38	36	74	....	....	....	20	12	32	1	4	5
Bruce .....	9	6	15	290	230	520	6	1	7	154	76	230	58	54	112
Carleton .....	....	....	....	4	7	11	....	....	....	....	2	2	....	....	....
Dufferin .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Dundas .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Durham .....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1
Elgin .....	7	6	13	269	262	531	....	....	....	77	27	104	37	42	79
Essex .....	17	14	31	272	236	508	7	3	10	107	59	166	47	53	100
Frontenac .....	....	....	....	5	8	13	....	....	....	....	1	1	....	....	....
Glengarry .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Grenville .....	....	....	....	....	....	....	....	....	....	10	9	19	....	....	....
Grey .....	....	....	....	20	20	40	....	....	....	11	3	14	5	3	8
Haldimand .....	....	....	....	22	24	46	....	....	....	7	3	10	....	....	....
Halton .....	....	....	....	10	7	17	....	....	....	2	5	7	....	1	1
Hastings .....	....	....	....	5	9	14	....	....	....	136	79	213	....	1	1
Huron .....	9	8	17	372	364	736	2	....	2	80	42	122	55	68	123
Kent .....	15	8	23	286	284	570	2	....	2	196	63	259	55	53	108
Lambton .....	7	11	18	416	321	737	4	1	5	4	2	6	56	47	103
Lanark .....	....	....	....	3	3	6	....	....	....	....	....	....	....	....	....
Leeds .....	....	....	....	....	5	5	....	....	....	....	....	....	....	....	....
Lennox and Addington .....	....	....	....	3	1	4	....	....	....	1	....	1	....	....	....
Lincoln .....	....	....	....	11	6	17	....	....	....	8	1	9	....	....	....
Middlesex .....	22	38	60	935	952	1,887	4	2	6	281	160	441	119	167	286
Muskoka District .....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1
Nipissing District .....	....	1	1	....	1	1	....	....	....	....	....	....	....	....	....
Norfolk .....	....	....	....	34	37	71	....	....	....	23	13	36	....	....	....
Northumberland .....	....	....	....	15	10	25	....	....	....	4	2	6	....	....	....
Ontario .....	....	....	....	6	13	19	....	....	....	1	8	9	1	....	1
Oxford .....	7	13	20	327	256	583	2	2	4	152	45	197	46	47	92
Parry Sound District .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Peel .....	....	....	....	4	6	10	....	....	....	3	5	8	....	....	....
Perth .....	9	9	18	327	271	598	1	....	1	139	65	204	54	46	100
Peterborough .....	....	....	....	1	6	7	....	....	....	1	6	7	....	....	....
Prescott .....	....	....	....	2	3	5	....	....	....	1	1	2	....	....	....
Prince Edward .....	....	....	....	1	1	2	....	....	....	....	1	1	....	1	1
Rainy River District .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Renfrew .....	....	....	....	13	21	34	....	....	....	....	....	....	....	....	....
Russell .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Simcoe .....	1	....	1	7	7	14	....	....	....	5	7	12	1	4	5
Stormont .....	....	....	....	12	14	26	....	....	....	1	....	1	....	....	....
Thunder Bay District .....	1	....	1	1	....	1	....	....	....	....	....	....	1	1	2
Victoria .....	....	....	....	33	22	55	....	....	....	9	9	18	....	....	....
Waterloo .....	....	....	....	8	7	15	....	....	....	7	7	14	1	1	2
Welland .....	....	....	....	20	16	36	....	....	....	3	5	8	....	....	....
Wellington .....	....	....	....	20	25	45	....	....	....	14	11	25	2	1	3
Wentworth .....	....	....	....	47	48	95	....	....	....	6	9	15	2	2	4
York .....	1	....	1	32	25	57	....	....	....	30	31	61	1	9	10
Unascertained .....	....	....	....	7	5	12	....	....	....	1	....	1	....	2	2
Totals .....	107	114	221	3,889	3,576	7,465	28	9	37	1,502	771	2,273	544	608	1,152



TABLE No. 6—LONDON.

Showing the assigned causes of insanity in the cases admitted during year.

Causes.	Men.	Women	Total.	Inherited Predisposition.			Un-ascertained.
				Men.	Women.	Total.	
MORAL.							
Adverse Conditions (such as loss of friends, business troubles, etc.).....	6	3	9	3	2	5	.....
Mental Strain, Worry and Overwork (not included in above).....	9	9	18	4	5	9	.....
Religious Excitement.....	.....	.....	.....	.....	.....	.....	.....
Love Affairs (including seduction).....	3	.....	3	3	.....	3	.....
Fright and Nervous Shock.....	.....	1	1	.....	.....	.....	.....
PHYSICAL.							
Alcoholism .....	1	1	2	.....	.....	.....	.....
Sexual Excess .....	.....	.....	.....	.....	.....	.....	.....
Venereal Diseases.....	3	.....	3	.....	.....	.....	.....
Masturbation .....	2	.....	2	.....	.....	.....	.....
Insolation .....	3	.....	3	2	.....	2	.....
Accident or Injury .....	2	.....	2	.....	.....	.....	.....
Pregnancy.....	.....	.....	.....	.....	1	1	.....
Parturition and Puerperium .....	.....	4	4	.....	3	3	.....
Lactation .....	.....	.....	.....	.....	.....	.....	.....
Climacteric Period.....	.....	5	5	.....	4	4	.....
Fevers .....	.....	.....	.....	.....	.....	.....	.....
Privation and Overwork.....	3	8	11	3	5	8	.....
Epilepsy .....	2	6	8	.....	.....	.....	.....
Other Convulsive Diseases.....	.....	.....	.....	.....	.....	.....	.....
Diseases of Brain and Skull.....	.....	.....	.....	.....	.....	.....	.....
Senility .....	17	18	35	7	9	16	.....
Exophthalmic Goitre .....	.....	.....	.....	.....	.....	.....	.....
Epidemic Influenza.....	.....	.....	.....	.....	.....	.....	.....
Abuse of Drugs .....	1	.....	1	.....	.....	.....	.....
Loss of Special Sense.....	.....	.....	.....	.....	.....	.....	.....
Uræmia .....	.....	.....	.....	.....	.....	.....	.....
Other Auto-infection .....	.....	.....	.....	.....	.....	.....	.....
Other Bodily Diseases.....	1	2	3	.....	.....	.....	.....
HEREDITARY.							
Congenital Defect .....	18	27	45	12	15	27	.....
Unascertained .....	35	30	65	.....	.....	.....	143
Not Insane .....	1	.....	1	.....	.....	.....	.....
Totals.....	107	114	221	34	44	78	143

TABLE No. 7—LONDON.

Showing hereditary tendency to insanity in patients admitted during the year  
and since the opening of the Hospital.

	Admitted during year.			Since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Paternal Branch.....	12	10	22	100	104	204
Maternal Branch.....	7	9	16	100	128	228
Paternal and Maternal Branches.....	6	9	15	28	39	67
Collateral Branches.....	15	22	37	289	238	527
No Hereditary Tendency.....	30	37	67	707	726	1,433
Unascertained.....	37	27	64	295	268	563
Totals.....	107	114	221	1,519	1,503	3,022

TABLE No. 8—LONDON.

Showing summary of Probational discharges during the year.

	Male.	Female.	Total.
Number Granted Probational Discharge.....	62	69	131
Discharged, Recovered while on probation.....	23	24	47
“ Improved “ “.....	14	17	31
“ Unimproved “ “.....	1	5	6
Died.....			
Returned to Hospital.....	14	14	28
Absent on Probation on Oct. 31st, 1915.....	10	9	19
Totals.....	62	69	131

TABLE No. 9—LONDON.

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

• Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<b>Specific Infectious Diseases:—</b>						
Typhoid Fever.....				6	3	9
Influenza.....				3	1	4
Cerebro-spinal Meningitis.....					1	1
Diphtheria.....						
Erysipelas.....				7	8	15
Septicæmia.....	1		1	10	11	21
Dysentery.....	1		1	52	67	119
Syphilis.....				1	1	2
Tuberculosis.....				166	204	370
<b>Constitutional Diseases:—</b>						
Rheumatism.....				1	1	2
Arthritis Deformans.....				1	1	2
Diabetes Mellitus.....				6	2	8
<b>Diseases of the Digestive System:—</b>						
Mouth, salivary glands.....						
Pharynx.....						
Tonsils.....						
Œsophagus.....						
<b>Diseases of the Intestines:—</b>						
Diseases of the Liver.....				13	14	27
Diseases of the Pancreas.....				1	1	2
Diseases of the Peritoneum.....	1	1	2	31	22	53
<b>Diseases of the Respiratory System:—</b>						
Diseases of the Nose and Larynx.....						
“ “ Bronchi.....				19	12	31
“ “ Lungs.....	13	24	37	81	89	170
“ “ Pleura.....	1		1	6	1	7
<b>Diseases of the Circulatory System:—</b>						
Diseases of the Pericardium.....					1	1
“ “ Heart.....	8	2	10	83	83	166
Arterio-sclerosis.....	3	10	13	14	18	32
Aneurism.....				4	1	5
<b>Diseases of the Blood and Ductless Glands:—</b>						
Anæmia.....				3	3	6
Pernicious Anæmia.....				1	1	2
Leucæmia.....				1		1
Exophthalmic Goitre.....				1	1	2
<b>Diseases of the Genito-Urinary System..</b>				17	7	24
<b>Carried Forward .....</b>	28	37	65	528	554	1,082

TABLE No. 9—LONDON—*Continued.*

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	28	37	65	528	554	1,082
Diseases of the Nervous System:—						
Diseases of the Nerves.....				5	5	10
"      "      Spinal Cord .....					1	1
"      "      Meninges.....				11	7	18
Organic Diseases of the Brain, (Tumor, Abscess, Embolism, Thrombosis, Hæmorrhage and other gross lesions) .....	2	1	3	93	63	156
Functional Nervous Diseases, (Paralysis Agitans, Chorea, Eclampsia, Hysteria).....		1	1	28	11	39
Epilepsy .....	4	1	5	121	73	194
Mental Diseases:—						
Exhaustion of Acute Mental Dis- ease.....		1	1	77	63	140
Exhaustion of Chronic Mental Dis- ease .....				61	59	120
General Paresis.....	14	2	16	134	19	153
Intoxications:—						
Alcoholism .....						
Morphinism .....						
Metallic Poisoning.....						
Heat Stroke .....					1	1
Debility of Old Age .....	2	3	5	190	181	371
Accident .....	1		1	9	7	16
Suicide.....				11	9	20
Surgical Diseases.....				2	4	6
Gynæcological Diseases .....						
Malignant New Growths, or Cancer'.....		2	2	15	34	49
Totals .....	51	48	99	1,285	1,091	2,376



TABLE No. 10—LONDON.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Infection Psychoses:—									
(a) Fever Delirium.....	1	....	1	....	....	....	....	....	....
(b) Infection Delirium .....	....	....	....	....	....	....	....	....	....
(c) Post Infection Psychoses .....	....	....	....	....	....	....	....	....	....
Exhaustion Psychoses:—									
(a) Collapsed Delirium.....	....	....	....	....	....	....	....	....	....
(b) Acute Confusional Psychoses .....	2	6	8	1	4	5	2	4	6
(c) Neurasthenia .....	1	....	1	1	....	1	....	....	....
Intoxication Psychoses:—									
(a) Acute Intoxications .....	....	....	....	....	....	....	....	....	....
(b) Chronic .....	....	....	....	....	....	....	....	....	....
(a) Alcoholism (acute and chronic) .....	....	....	....	1	....	1	....	....	....
(b) Delirium Tremens .....	....	....	....	....	....	....	....	....	....
(c) Korsakow's Psychoses.....	....	....	....	....	....	....	....	....	....
(d) Acute Alcoholic Hallucinosiis .....	....	....	....	....	....	....	....	....	....
(e) Alcoholic Hallucinatory Dementia .....	....	....	....	....	....	....	....	....	....
(f) " Paranoia .....	....	....	....	....	....	....	....	....	....
(g) " Paresis.....	....	....	....	....	....	....	....	....	....
(h) Morphinism.....	....	....	....	....	....	....	....	....	....
(i) Cocainism.....	1	....	1	1	....	1	....	....	....
Thyroigenous Psychoses:—									
(a) Mixœdematous Psychoses.....	....	....	....	....	....	....	....	....	....
(b) Cretinism .....	....	....	....	....	....	....	....	....	....
Dementia Præcox:—									
(a) Hebaphrenic .....	34	23	57	10	8	18	5	9	14
(b) Catatonic .....	11	9	20	5	8	13	2	4	6
(c) Paranoid.....	7	6	13	3	3	6	2	1	3
General Paresis .....	8	....	8	1	....	1	14	2	16
Organic Dementias:—									
(a) Cerebral Sclerosis .....	1	....	1	....	....	....	....	....	....
(b) Huntingdon's Chorea .....	....	....	....	....	....	....	....	2	2
(c) Multiple Sclerosis .....	....	....	....	....	....	....	....	....	....
(d) Cerebral Syphilis.....	....	....	....	....	....	....	....	....	....
(e) Tabetic Psychoses .....	....	....	....	....	....	....	....	....	....
(f) Arterio Sclerotic Psychoses.....	....	....	....	....	....	....	....	....	....
(g) Cerebral Tumor, Abscess, Hæmorrhage.....	....	1	1	....	....	....	....	....	....
Involution Psychoses:—									
(a) Melancholia .....	2	11	13	2	3	5	7	5	12
(b) Pre-senile Delusional Psychoses.....	3	9	12	2	....	2	1	3	4
(c) Senile Dementia .....	6	8	14	2	6	8	9	13	22
Manic Depressive Psychoses:—									
(a) Manic States.....	9	17	26	7	8	15	1	1	2
(b) Depressed States.....	5	8	13	4	15	19	....	....	....
(c) Mixed States.....	....	....	....	....	....	....	....	....	....
<i>Carried Forward</i> .....	91	98	189	40	55	95	43	44	87

TABLE No. 10—LONDON—*Continued.*

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	91	98	189	40	55	95	43	44	87
Paranoia .....									
Psychoses from Constitutional Neuroses :—									
(a) Epileptic Psychoses .....	4	6	10	1	2	3	6	2	8
(b) Hysterical Psychoses .....		1	1						
(c) Sexualis Psychopathia .....									
States of Deficient Mental Development :—									
(a) Imbecility .....	12	9	21	3	1	4	2	2	2
(b) Idiocy .....									
Not Diagnosed .....				2					
Not Insane .....									
Totals .....	107	114	221	46	58	104	51	48	99

TABLE No. 11—LONDON.

Periods.	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on Oct. 31st, 1915	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month .....	35	14	2		2	8
From 1 to 2 months .....	20	17	7	1	1	4
“ 2 “ 3 “ .....	16	15	4	2	1	3
“ 3 “ 4 “ .....	15	16	2	6		2
“ 4 “ 5 “ .....	11	13	7	2		2
“ 5 “ 6 “ .....	13	12	9	5	1	2
“ 6 “ 9 “ .....	15	34	12	10		5
“ 9 “ 12 “ .....	7	23	4	2		8
“ 12 “ 18 “ .....	9	50	7	2	2	10
“ 18 months to 2 years ..	19	42	2	3		4
“ 2 to 3 years .....	14	65		1	1	6
“ 3 “ 4 “ .....	9	62		2	1	3
“ 4 “ 5 “ .....	13	66				1
“ 5 “ 10 “ .....	7	212	1	1		9
“ 10 “ 15 “ .....	7	170				4
“ 15 “ 20 “ .....	2	121			1	5
“ 20 years and upwards	9	220				23
Totals .....	221	1,152	57	37	10	99

## HOSPITAL FOR INSANE, MIMICO.

TO EDWIN R. ROGERS, ESQ., AND WILLIAM W. DUNLOP, ESQ.,  
*Inspectors of Hospitals for the Insane, Parliament Buildings,  
 Toronto, Ont.*

SIRS,—In accordance with the requirements of the Statute I have the honour to submit herewith the Twenty-first Annual Report of this Hospital for the year ending October 31st, 1915.

	Male.	Female.	Total.	Male.	Female.	Total.
There were in residence on October 31st, 1915 .....				360	340	700
Admitted during the year by Warrant....	50	23	73			
Admitted during the year by Certificate .	41	34	75			
Total admitted during the year .....				91	57	148
Total number under treatment during year .....				451	397	848
Discharged during the year recovered....	12	11	23			
Discharged during the year improved....	29	17	46			
Discharged during the year unimproved .	1	.....	1			
Total discharged during the year.....	42	28	70			
Number died during the year.....	39	24	63			
Number eloped during the year .....	5	.....	5			
Number deported during the year.....	1	2	3			
Number transferred during the year ....	14	9	23			
Total number leaving the hospital during year.....				101	63	164
Total number remaining in Hospital on October 31st, 1915.....				350	334	684

## ADMISSIONS.

During the past year there were one hundred and forty-eight patients admitted—seventy-three by warrant and seventy-five by medical certificates. Of this number ninety-one were men and fifty-seven were women; seventy-five were single and sixty-nine were married, while three men and one woman had lost their helpmates. Of the seventy-five single persons admitted fifty-seven were men and eighteen were women, while of the sixty-nine married persons admitted exclusive of the widowed, thirty-one were men and thirty-eight were women. Among the men an hereditary tendency could be traced in twenty-five cases and among the women it was found to exist in fourteen cases amounting in all about twenty-six per cent. of the total admissions.

Adverse conditions in life, such as loss of friends, business troubles and so forth were believed to have been the cause in eighteen cases, fourteen men and four women, while mental strain, worry and over work were given as causes in twenty-seven cases, sixteen men and eleven women. Eight cases, seven men and one woman, were ascribed to alcohol and nine cases to sexual excesses and venereal disease. Two-thirds of these cases were men.



Of the total number admitted twenty-nine were reported to have been ill for a period less than two months prior to admission while seventy-two had been ill a year or more before being sent to the hospital for treatment.

One hundred of the total number admitted were born in Canada, sixty men and forty women, while forty-eight were born in other countries, England leading with twenty-five per cent.

#### DISCHARGES.

During the year seventy patients were discharged from this Hospital, forty-two men and twenty-eight women, and three patients were deported having been residents of the Province for a period less than two years. Of the total number discharged thirty-two had been under treatment in the hospital for a period less than one year while all the number discharged as improved, fourteen, had been in residence for ten years.

Sixty-two patients were allowed to go home with their friends on probation, thirty-eight men and twenty-four women; of this number twenty-two were ultimately discharged and their names written off the Institution records. Eleven of the total number who were given probational privileges were unable to remain at their homes and their friends were obliged to return them to the hospital custody.

#### DEATHS.

During the past year sixty-three patients died at this Hospital, thirty-nine men and twenty-four women. Of this whole number thirty-six died under the age of fifty years, five between fifty and sixty years, twelve between sixty and seventy and ten between seventy and seventy-eight years. Ten per cent. of the deaths were due to Exhaustion of Acute Mania and twenty-five per cent. to the combined causes of Epilepsy and Tuberculosis and about ten per cent. to Apoplexy and Senility.

#### TYPHOID FEVER.

Only last year the Institution was entirely free from cases of Typhoid Fever and it was believed that the sanitary conditions were so good that there would be continued exemption from this disease, but without being able to determine the source of infection there were four cases of Typhoid to record during the past year. In one case, that of an employee, the infection was probably acquired from outside sources and of course this was possible in the three cases among the patients all of whom partook of fruit and other foods supplied direct by relatives and friends. The samples of water submitted to the Bacteriologist were reported free or almost free from colon bacilli and it is a fair inference that if any of the cases of infection had come from the water supply that they would have been distributed over the ten cottages instead of having been limited to one, and there probably would have been more cases. Soon after the fever had been established in the employee the whole staff of attendants, nurses and other servants was inoculated on the chance that its origin might have been local and there were no further cases among them. When the diagnosis was clearly determined in the cases among the patients all the remaining patients in that particular cottage were inoculated and there were no further cases.



## WAR CONTRIBUTION.

This hospital has shared with every other organization in the Province in its willing contributions to the war in men, money and service. At the time of writing thirty-one men, which is a little over the total number of regularly employed attendants, have left the service here to join the colors and although the loss of such a large number of men from one staff is embarrassing, still it has been the steady aim of the management to promote in every possible way the patriotic spirit which finds expression in enlistment by those who are physically qualified. Two of the former assistant medical officers of this place, namely, Dr. B. L. Wickware and Dr. E. J. Leary, have for months been engaged in the military hospitals at the Front, and Dr. Louis Yealland has just resigned his position here to accept one at a London Hospital where many of the war-shock cases are treated.

Frequent contributions have been and will be made in money to the various patriotic funds and I am happy to report that much has been given in addition in a personal way outside of the well organized channels. In service the women particularly have contributed liberally of their time and energy in the making of garments for our heroes at the Front.

## OVERCROWDED COTTAGES.

The overcrowded state of the cottages has not only not been relieved during the past year but it has gradually become more marked. Diminution in the comfort of the patients must necessarily attend overcrowding and efficiency in the management is at the same time rendered more difficult to attain.

## OYSTER SHELL SCALE ON FRUIT AND ORNAMENTAL TREES.

Notwithstanding the regular hand-spraying of the trees in the spring there has been a good deal of damage inflicted by the oyster shell scale upon the apple trees during the past year or two, and some varieties of ornamental trees as well, notably the mountain ash, have suffered seriously. Radical measures for pruning the affected trees have apparently prevented the total loss of any of them.

## WATER SUPPLY TO THE NORTH FARM.

A very large piece of work was undertaken during the summer in making provision for a pipe to carry water from the main hospital to the buildings at the North Farm and the brick making plant. The digging of a trench five feet deep and about three thousand yards long and the laying of a six-inch pipe in the bottom of the trench and the filling in again of this excavation provided a volume of physical work for a large number of male patients.

By an agreement with the Corporation of New Toronto a junction was made between the water systems of the Corporation and this Institution so that in the event of the disablement during a fire of the fire apparatus of either system the other would be able to yield auxiliary services.

## FARM AND GARDEN.

The weather conditions during the past season were very unfavorable for the farming and gardening operations, especially regarding roots and vegetables. The frequent rains and the excessive humidity in the intervals between showers pre-

vented the clay soil from becoming dry enough to permit proper cultivation and warm enough to promote the growth of the roots and vegetables. The crop of potatoes especially was short in quantity and the quality was not of the highest standard. The hay crop was good and also the corn for ensilage. The yield of strawberries was quite up to the average but that of raspberries was much below as was also other small fruits and apples.

#### OFFICERS AND EMPLOYEES.

There were about the same number of changes among the employees as during the past year. Lately, however, there has been a marked shortage in the supply of women for the various departments of the service here and as it will probably continue for a year or more it may become necessary to offer somewhat increased wages to those who are entering the service. This shortage is apparently due to the combination of three operating causes, namely, the practical suspension of immigration, the entrance of many into departments formerly filled by men and the proportionately increased ratio of marriages among the diminished remnant.

On July 1st, Dr. Douglas resigned his position as third physician and he was succeeded by Dr. Pearson, of London, Ont.

Gratefully acknowledging your valuable counsel and consideration during the past year.

I have the honour to be Sirs,

Your obedient servant,

N. H. BEEMER,  
*Medical Superintendent.*

ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE  
HOSPITAL FOR INSANE, MIMICO, FOR THE YEAR  
ENDING OCTOBER 31st, 1915

TABLE No. 1—MIMICO.

Showing movements of patients in the Hospital for the official year ending 31st October, 1915.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital .....	340	320	660			
In Residence 31st October, 1914 .....				360	340	700
Admitted during year 1914-15 :—						
By Warrant .....	50	23	73			
By Medical Certificate .....	41	34	75	91	57	148
Total number under treatment during year .....				451	397	848
Discharges during year :—						
As recovered .....	12	11	23			
" improved .....	29	17	46			
" unimproved .....	1		1			
" not insane .....						
Total number discharged during year ...	42	28	70			
Died .....	39	24	63			
Deported .....	1	2	3			
Eloped .....	5		5			
Transferred .....	14	9	23	101	63	164
Remaining in Hospital 31st October, 1915 .....				350	334	684
Total number admitted since opening of Hospital .....				1,781	1,630	3,411
Total number discharged since opening of Hospital .....	577	529	1,106			
Total number died since opening of Hospital .....	517	439	956			
Total number deported since opening of Hospital .....	44	9	53			
Total number eloped since opening of Hospital .....	43	1	44			
Total number transferred since opening of Hospital .....	250	318	568	1,431	1,296	2,727
Total remaining in Hospital 31st October, 1915 .....				350	334	684
Daily average population .....	345.49	332.07	677.56			
Collective days' stay of all patients in residence during year .....	126,102	121,206	247,308			
Number of applications on file .....	23	26	49			

TABLE No. 2—MIMICO.

Showing social state and religion of patients admitted during the year and since opening of Hospital

	Admissions of Year.			In residence,			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
<b>SOCIAL STATE.</b>									
Single.....	57	18	75	242	131	373	1,098	637	1,735
Married .....	31	38	67	95	177	272	652	949	1,601
Widowed .....	3	1	4	13	25	38	31	42	73
Divorced .....	.....	.....	.....	.....	1	1	.....	2	2
Separated .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Unascertained .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals .....	91	57	148	350	334	684	1,781	1,630	3,411
<b>RELIGION.</b>									
Baptists .....	3	.....	3	9	12	21	58	74	132
Congregationalists .....	.....	.....	.....	1	1	2	3	7	10
Church of England .....	16	13	29	66	67	133	356	358	714
Methodists .....	14	12	26	75	87	162	397	418	815
Presbyterians .....	18	15	33	79	69	148	349	315	664
Roman Catholics .....	23	13	36	75	70	149	415	339	754
Other Denominations....	14	3	17	33	22	55	136	72	208
Unascertained .....	3	1	4	8	6	14	67	47	114
Totals.....	91	57	148	350	334	684	1,781	1,630	3,411



TABLE No. 3—MIMICO.

Showing nativity of patients admitted during the year and since opening of Hospital.

Nativity.	Admissions of year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Total admissions .....	91	57	148	1,781	1,630	3,411
Total born in Canada .....	60	40	100	1,173	1,107	2,280
Armenia .....						
Assyria .....						
Austria .....	1		1	16	2	18
Australia .....				1		1
Belgium .....						
Bulgaria .....	1		1	1		1
Central America .....						
China .....						
Denmark .....				1		1
England .....	7	3	10	205	168	373
France .....				5	2	7
Finland .....	6		6	24	6	30
Galicia .....	1		1	1		1
Germany .....	1	1	2	21	8	29
Greece .....	1		1	1		1
Holland .....	1		1	1		1
Hungary .....					1	1
Ireland .....	3	2	5	158	186	344
Italy .....	1	1	2	11	2	13
Japan .....						
Macedonia .....				1		1
Other British Possessions .....				1	7	8
Norway .....				8	2	10
Roumania .....				3		3
Russia .....	1	2	3	17	9	26
Scotland .....	1	3	4	70	75	145
South America .....						
Spain .....					1	1
Sweden .....	2	2	4	13	10	23
Turkey .....						
United States .....	2	1	3	30	29	59
West Indies .....				2		2
Unascertained .....	2	2	4	17	15	32
Totals .....	91	57	148	1,781	1,630	3,411

TABLE No. 4—MIMICO.

Showing the occupation of those admitted during the year and since the opening of the Hospital.

Occupation.	Admitted this year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Professional :— Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engineers, Surveyors, etc .....	2	.....	2	67	7	74
Commercial :— Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typewriters, etc .....	6	2	8	140	18	158
Agricultural and Pastoral :— Farmers, Gardeners, Stock Men, etc.	29	.....	29	512	.....	512
Mechanics at Outdoor Vocations :— Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc .....	9	.....	9	177	2	179
Mechanics, etc., at Sedentary Vocations : Shoemakers, Bookbinders, Composi- tors, Weavers, Tailors, Seam- stresses, Bakers, Factory Workers, etc .....	9	3	12	116	55	171
Domestic Service :— Waiters, Cooks. Servants, etc. ....	.....	4	4	9	222	231
Education and Higher Domestic Duties :— Governesses, Teachers, Students, Housekeepers, Nurses, etc. ....	.....	44	44	23	1,118	1,141
Miners, Marine Engineers, Railway Em- ployees, Seamen, etc .....	.....	.....	.....	38	.....	38
Laborers .....	34	.....	34	578	2	580
No Occupation .....	.....	4	4	59	159	218
Unascertained .....	2	.....	2	62	47	109
Totals .....	91	57	148	1,781	1,630	3,411

TABLE No. 5—MIMICO.

Showing the Counties and Districts from which patients have been admitted during the year,  
and since opening of Hospital.

Counties and Districts.	Admitted during year.			Admitted since opening.			Warrant cases.						Remaining in residence.		
	Male.	Female.	Total.	Male.	Female.	Total.	Admitted during year.			Admitted since opening.			Male.	Female.	Total.
							Male.	Female.	Total.	Male.	Female.	Total.			
Algoma District ..	6	1	7	65	66	131	5	....	5	52	33	85	21	15	36
Brant .....	..	..	..	7	5	12	..	..	..	3	1	4	1	1	2
Bruce .....	..	..	..	3	4	7	..	..	..	2	1	3	..	1	1
Carleton .....	..	..	..	10	11	21	..	..	..	8	6	14	1	..	1
Dufferin .....	..	..	..	6	3	9	..	..	..	2	1	3	2	1	3
Dundas .....	..	..	..	3	5	8	..	..	..	2	3	5	2	..	2
Durham ..	..	1	1	13	19	32	..	..	..	7	8	15	5	4	9
Elgin .....	..	..	..	6	..	6	..	..	..	4	..	4	1	..	1
Essex .....	..	..	..	5	2	7	..	..	..	..	1	..	..	..	..
Frontenac ..	..	..	..	11	17	28	..	..	..	4	7	11	1	..	1
Glengarry ..	..	..	..	2	2	4	..	..	..	1	..	1	..	..	..
Grenville ..	..	..	..	4	6	10	..	..	..	2	3	5	..	..	..
Grey .....	..	1	1	19	17	36	..	1	1	12	8	20	3	6	9
Haldimand ..	..	..	..	1	1	2	..	..	..	..	..	..	1	..	1
Halton .....	..	..	..	6	11	17	..	..	..	1	2	3	..	3	3
Haliburton ..	..	..	..	3	3	6	..	..	..	1	2	3	..	..	..
Hastings .....	..	..	..	23	33	56	..	..	..	15	25	40	..	1	1
Huron .....	..	..	..	5	6	11	..	..	..	1	1	2	..	..	..
Kent .....	..	..	..	4	..	4	..	..	..	..	..	4	2	..	2
Lambton .....	..	..	..	5	5	10	..	..	..	4	3	7	..	1	1
Lanark .....	..	..	..	9	8	17	..	..	..	7	6	13	..	..	..
Leeds .....	..	..	..	1	3	4	..	..	..	1	2	3	..	..	..
Lennox and Ad- dington .....	..	..	..	4	5	9	..	..	..	3	5	8	..	..	..
Lincoln .....	..	..	..	1	1	2	..	..	..	..	..	..	1	..	1
Manitoulin ..	..	1	1	16	10	26	..	1	1	8	5	13	2	5	7
Middlesex ..	..	..	..	16	6	22	..	..	..	8	1	9	3	1	4
Muskoka District ..	2	1	3	52	45	97	..	1	1	25	13	38	4	8	12
Nipissing District.	17	4	21	148	67	215	12	1	13	114	34	148	41	26	67
Norfolk .....	..	..	..	3	4	7	..	..	..	2	1	3	..	..	..
Northumberland ..	..	..	..	26	24	50	..	..	..	13	9	22	3	..	3
Ontario .....	11	6	17	136	151	287	3	3	6	67	38	105	22	29	51
Oxford .....	..	..	..	9	2	11	..	..	..	7	2	9	2	..	2
Parry Sound Dis- trict .....	6	6	12	61	44	105	1	2	3	37	17	54	16	15	31
Peel .....	5	2	7	85	83	168	..	..	..	34	24	58	16	17	33
Perth .....	..	..	..	9	2	11	..	..	..	4	..	4	2	..	2
Peterborough .....	9	7	16	115	146	261	5	2	7	67	40	107	26	37	63
Prescott .....	..	..	..	4	3	7	..	..	..	4	3	7	..	..	..
Prince Edward ..	..	..	..	2	6	8	..	..	..	2	2	4	..	1	1
Rainy River Dis- trict .....	1	4	5	30	21	51	1	4	5	26	18	44	6	8	14
Renfrew .....	..	..	..	4	5	9	..	..	..	4	3	7	..	..	..
Russell .....	..	..	..	3	1	4	..	..	..	3	..	3	..	..	..
Simcoe .....	9	13	22	242	210	452	3	2	5	92	39	131	51	38	89
Stormont .....	..	..	..	1	2	3	..	..	..	..	1	1	..	..	..
Thunder Bay Dis- trict .....	14	5	19	82	41	123	13	4	17	76	35	111	24	11	35
Victoria .....	7	4	11	137	122	259	5	2	7	93	35	128	29	30	59
Waterloo .....	..	..	..	5	2	7	..	..	..	3	1	4	1	..	1
Welland .....	..	..	..	2	2	4	..	..	..	2	2	4	1	..	1
Wellington .....	..	..	..	4	3	7	..	..	..	..	1	1	1	..	1
Wentworth .....	..	..	..	..	9	9	..	..	..	..	3	3	..	2	2
York .....	4	1	5	364	383	747	2	..	2	191	171	362	58	73	131
Unascertained ..	..	..	..	9	3	12	..	..	..	2	3	5	1	..	1
Totals .....	91	57	148	1,781	1,630	3,411	50	23	73	1,020	619	1,639	350	334	684



TABLE No. 6—MIMICO.

Showing the assigned causes of insanity in the cases admitted during year.

Causes.	Men.	Women	Total.	Inherited Predisposition.			Un-ascertained.
				Men.	Women.	Total.	
MORAL.							
Adverse Conditions (such as loss of friends, business troubles, etc).....	14	4	18	1	.....	1	17
Mental Strain, Worry and Overwork (not included in above).....	16	11	27	4	4	8	19
Religious Excitement.....	.....	.....	.....	.....	.....	.....	.....
Love Affairs, including seduction.....	1	2	3	.....	1	1	2
Fright and Nervous Shock.....	.....	3	3	.....	.....	.....	3
PHYSICAL.							
Alcoholism .....	7	1	8	2	1	3	5
Sexual Excess.....	3	.....	3	1	.....	1	2
Venereal Diseases.....	3	3	6	.....	.....	.....	6
Masturbation.....	.....	.....	.....	.....	.....	.....	.....
Insolation .....	1	.....	1	.....	.....	.....	1
Accident or Injury .....	4	.....	4	2	.....	2	2
Pregnancy.....	.....	2	2	.....	1	1	1
Parturition and Puerperium.....	.....	.....	.....	.....	.....	.....	.....
Lactation.....	.....	.....	.....	.....	.....	.....	.....
Climacteric Period.....	.....	6	6	.....	2	2	4
Fevers .....	.....	.....	.....	.....	.....	.....	.....
Privation and Overwork.....	1	1	2	.....	.....	.....	2
Epilepsy .....	2	5	7	2	1	3	4
Other Convulsive Diseases.....	.....	.....	.....	.....	.....	.....	.....
Diseases of Brain and Skull.....	.....	.....	.....	.....	.....	.....	.....
Senility.....	.....	5	5	.....	1	1	4
Exophthalmic Goitre.....	.....	.....	.....	.....	.....	.....	.....
Epidemic Influenza.....	.....	.....	.....	.....	.....	.....	.....
Abuse of Drugs.....	.....	1	1	.....	1	1	.....
Loss of Special Sense.....	.....	.....	.....	.....	.....	.....	.....
Uræmia .....	.....	.....	.....	.....	.....	.....	.....
Other Auto-infection.....	.....	.....	.....	.....	.....	.....	.....
Other Bodily Diseases .....	.....	.....	.....	.....	.....	.....	.....
HEREDITARY.							
Congenital Defect .....	12	6	18	9	2	11	7
Unascertained .....	27	7	34	4	.....	4	30
Not Insane.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	91	57	148	25	14	39	109



TABLE No. 7—MIMICO.

Showing hereditary tendency to insanity in patients admitted during the year.

	Admitted during year.		
	Male.	Female	Total.
Paternal Branch.....	5	5	10
Maternal Branch.....	7	3	10
Paternal and Maternal Branches .....	8	4	12
Collateral Branches.....	5	2	7
No Hereditary Tendency .....	11	12	23
Unascertained .....	55	31	86
Totals.....	91	57	148

TABLE No. 8—MIMICO.

Showing summary of Probational Discharges during the year.

	Male.	Female.	Total.
Number granted probational discharge .....	38	24	62
Discharged recovered while on probation.....	6	6	12
“ Improved “ “ .....	4	5	9
“ Unimproved “ “ .....	1	.....	1
Died.....	.....	.....	.....
Returned to Hospital.....	10	1	11
Absent on probation on 31st October, 1915.....	17	12	29

TABLE No. 9—MIMICO.

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<b>Specific Infectious Diseases —</b>						
Typhoid Fever.....				5	5	10
Influenza .....					2	2
Cerebro-spinal Meningitis .....						
Diphtheria.....						
Erysipelas .....				3	2	5
Septicæmia.....	1		1	7	4	11
Dysentery .....				9	18	27
Syphilis .....				1		1
Tuberculosis .....	3	6	9	56	83	139
<b>Constitutional Diseases :—</b>						
Rheumatism .....				2		2
Arthritis Deformans .....						
Diabetes Mellitus .....				3	4	7
<b>Diseases of the Digestive System :—</b>						
Mouth, salivary glands.....						
Pharynx .....						
Tonsils.....						
Œsophagus .....						
<b>Diseases of the Intestines :—</b>						
Diseases of the Liver.....				4	1	5
Diseases of the Pancreas .....				1	1	2
Diseases of the Peritoneum .....	1		1	8	7	15
<b>Diseases of the Respiratory System :—</b>						
Diseases of the Nose and Larynx....				1		1
Diseases of the Bronchi .....				1	2	3
Diseases of the Lungs .....	2	1	3	32	27	59
Diseases of the Pleura.....				1		1
<b>Diseases of the Circulatory System :—</b>						
Diseases of the Pericardium .....		1	1	1	1	2
Diseases of the Heart.....	2	3	5	45	41	86
Arterio-sclerosis .....	2		2	3	5	8
Aneurism .....					1	1
<b>Diseases of the Blood and Ductless Glands :—</b>						
Anæmia .....				6	7	13
Pernicious Anæmia .....	1		1	4		4
Leucæmia.....				1		1
Exophthalmic Goitre.....					1	1
<b>Diseases of the Genito-Urinary System..</b>				3	2	5
<i>Carried Forward.....</i>	12	11	23	197	214	411

TABLE No. 9—MIMICO—*Continued.*

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	12	11	23	197	244	441
Diseases of the Nervous System:—						
Diseases of the Nerves .....		1	1	.....	2	2
Diseases of the Spinal Cord .....	3	.....	3	9	2	11
Diseases of the Meninges .....						
Organic Diseases of the Brain, (Tumor, Abscess, Embolism, Thromboids, Hæmorrhage, and other gross lesions) .....	4	1	5	41	29	70
Functional Nervous Diseases, (Paralysis Agitans, Chorea, Eclampsia, Hysteria) .....	1	.....	1	5	2	7
Epilepsy .....	5	4	9	66	19	85
Mental Diseases:—						
Exhaustion of Acute Mental Dis- ease .....	2	1	3	46	32	78
Exhaustion of Chronic Mental Dis- ease .....	3	.....	3	39	28	67
General Paresis .....	5	1	6	39	15	54
Intoxications:—						
Alcoholism .....						
Morphinism .....						
Metallic Poisoning .....						
Heat Stroke .....						
Debility of Old Age .....	3	4	7	59	77	136
Accident .....				2	3	5
Suicide .....				4	2	6
Surgical Diseases .....				1	3	4
Gynæcological Diseases .....		1	1	.....	1	1
Malignant New Growths, or Cancer .....	1	.....	1	6	9	15
Unknown (died while on probation) .....				3	1	4
Totals .....	39	24	63	517	439	956

TABLE No. 10—MIMICO.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Infection Psychoses :—									
(a) Fever Delirium .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Infection Delirium.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(c) Post Infection Psychoses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Exhaustion Psychoses :—									
(a) Collapsed Delirium.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Acute Confusional Psychoses .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(c) Neurasthenia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Intoxication Psychoses :—									
(a) Acute Intoxications.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Chronic .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(a) Alcoholism (acute and chronic) .....	1	1	2	4	1	5	1	.....	1
(b) Delirium Tremens .....	1	1	2	4	1	5	1	.....	1
(c) Korsakow's Psychoses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(d) Acute Alcoholic Hallucinosiis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(e) Alcoholic Hallucinatory Dementia .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(f) " Paranoia .....	1	.....	1	.....	.....	.....	.....	.....	.....
(g) " Paresis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(h) Morphinism.....	.....	.....	.....	.....	1	1	.....	.....	.....
(i) Cocainism.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Thyroigenous Psychoses :—									
(a) Mixedematous Psychoses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Cretinism.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dementia Præcox :—									
(a) Hebaphrenic .....	8	5	13	3	2	5	7	3	10
(b) Catatonic .....	10	8	18	3	.....	3	3	2	5
(c) Paranoid.....	10	4	14	4	1	5	1	.....	1
General Paresis .....	3	2	5	.....	.....	.....	5	1	6
Organic Dementias :—									
(a) Cerebral Sclerosis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Huntingdon's Chorea .....	.....	.....	.....	.....	.....	.....	1	.....	1
(c) Multiple Sclerosis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(d) Cerebral Syphilis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(e) Tabetic Psychoses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(f) Arterio Sclerotic Psychoses.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(g) Cerebral Tumor, Abscess, Hæmorrhage..	2	.....	2	.....	.....	.....	1	.....	1
Involution Psychoses, —									
(a) Melancholia.....	3	1	4	.....	.....	.....	.....	2	2
(b) Pre-senile Delusional Psychoses.....	.....	1	1	1	.....	1	.....	.....	.....
(c) Senile Dementia .....	5	3	8	5	.....	5	4	3	7
Manic Depressive Psychoses :—									
(a) Manic States.....	19	3	22	6	6	12	3	3	6
(b) Depressed States.....	8	13	21	10	5	15	4	3	7
(c) Mixed States .....	2	3	5	.....	4	4	.....	.....	.....
Carried Forward.....	72	44	116	36	20	56	30	17	47



TABLE No. 10—MIMICO—*Continued.*

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	72	44	116	35	20	56	30	17	47
Paranoia.....									
Psychoses from Constitutional Neuroses :—									
(a) Epileptic Psychoses.....	1	4	5				6	4	10
(b) Hysterical Psychoses.....									
(c) Sexualis Psychopathia .....									
States of Deficient Mental Development :—									
(a) Imbecility .....	6	5	11	5	3	8	2	1	3
(b) Idiocy .....									
Not Diagnosed.....	12	4	16	1	5	6	1	2	3
Not Insane .....									
Totals .....	91	57	148	42	28	70	39	24	63

TABLE No. 11—MIMICO.

Periods.	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on Oct. 31st, 1915.	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month .....	18	19	1	1		4
From 1 to 2 months.....	11	9				3
“ 2 “ 3 “ .....	6	10				2
“ 3 “ 4 “ .....	8	17		1		2
“ 4 “ 5 “ .....	8	7	2	1		2
“ 5 “ 6 “ .....	9	6	4	2		
“ 6 “ 9 “ .....	11	33	6	5		3
“ 9 “ 12 “ .....	5	24	5	4		2
“ 12 “ 18 “ .....	8	35	1	6		3
“ 18 months to 2 years.	5	32	2	3		3
“ 2 to 3 years.....	13	48	2	2		4
“ 3 “ 4 “ .....	10	53		1		4
“ 4 “ 5 “ .....	7	38		1		2
“ 5 “ 10 “ .....	8	136		5	1	12
“ 10 “ 15 “ .....	3	93		6		6
“ 15 “ 20 “ .....	1	45		3		4
“ 20 years and upwards	1	79		5		7
Unknown.....	16					
Totals.....	148	684	23	46	1	63

## HOSPITAL FOR INSANE, PENETANGUISHENE.

ANNUAL REPORT OF THE MEDICAL SUPERINTENDENT FOR THE YEAR ENDING  
OCTOBER 31ST, 1915.

TO EDWIN R. ROGERS, ESQ., AND W. W. DUNLOP, ESQ.,

*Inspectors of Ontario Hospitals for the Insane,*

*Parliament Buildings, Toronto.*

GENTLEMEN,—In accordance with the Statutory requirements I have the honour to submit the Twelfth Annual Report of the Hospital for the Insane, Penetanguishene, for the year ending October 31st, 1915.

## POPULATION.

At the beginning of the year there were one hundred and sixty-three male and two hundred and two female patients in residence. During the year eighteen men and seven women died, one man was deported, one man eloped, five women were transferred to other institutions and twenty-one men, fourteen women were admitted, leaving us with one hundred and sixty-four men and two hundred and four women at the end of the year.

## WORK DONE.

The ordinary work on farm and garden was performed in a satisfactory manner. Two houses were moved from the lower part of sewage field to foundations prepared for them on higher ground. About five acres of land was stoned, underdrained and added to the sewage disposal field.

The reinforced cement base on coal dock was extended, a number of roofs were shingled, plastering and papering were extensively done in houses that were moved, Bursar's house, and Nurses' Home. The Nurses' Home was re-wired. The electrical distributing plant was moved from the old power house to the engine room at main building; wires were strung to the new pumping station and all outside wiring was overhauled and new poles put in. The pump and power motor were put in new pump house and worked fairly satisfactory. Telephone extension was made to power house. A new furnace was put in in Bursar's house and a milk room was built on dairy barn. Motors were installed at barn for chopping and in bakeshop for bread mixer. Some minor improvements were made to our heating plant but heating and hot water systems could not be completed at Nurses' Home as we have been since June without an assistant engineer.

## CHURCH SERVICES.

We have again to thank the clergy of Penetanguishene for their continued kindness in bringing the glad message to our people.

## STAFF.

Dr. H. Wilfred Kerfoot, who came as Assistant Physician, November 19, 1914, answered his country's call and left for the front on May 7, 1915. His place was filled by Dr. Freeman R. Guest on May 9, 1915. Sydney Hardiment left on July 25th, and Moss Burnie followed him a week later, both feeling it to be their duty to fight for justice and liberty. The ordinary number of changes occurred among the employees, but we were able to fill their places with little delay. All officers, artisans and employees performed their duties faithfully, a good fellowship existed and all were loyal to those in authority.

Thanking you for your counsel and support,

I have the honour to be, Sirs,

Your obedient servant,

W. T. WILSON,

*Medical Superintendent.*

**ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE  
HOSPITAL FOR INSANE, PENETANGUISHENE, FOR THE YEAR  
ENDING OCTOBER 31st, 1915**

**TABLE No. 1—PENETANGUISHENE.**

Showing movements of patients in the Hospital for the official year ending  
October 31st, 1915.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital .....	166	203	369			
In Residence October 31st, 1914 .....				163	202	365
Admitted during year 1915:—						
By Warrant .....	18	11	29			
By Medical Certificate .....	3	3	6	21	14	35
Total number under treatment during year .....				184	216	400
Discharges during year:—						
As recovered .....						
" improved .....						
" unimproved .....						
" not insane .....						
Total number discharged during year .....						
Died .....	18	7	25			
Deported .....	1		1			
Eloped .....	1		1			
Transferred .....		5	5	20	12	32
Remaining in Hospital October 31st, 1915 .....				164	204	368
Total number admitted since opening of Hospital .....				289	351	640
Total number discharged since open- ing of Hospital .....	17	22	39			
Total number died since opening of Hospital .....	78	101	179			
Total number deported since opening of Hospital .....	9		9			
Total number eloped since opening of Hospital .....	9		9			
Total number transferred since open- ing of Hospital .....	12	24	36			
Total number remaining in Hospital October 31st, 1915 .....				164	204	368
Daily average population .....	162.72	201.30	364.02			
Collective days' stay of all patients in residence during year .....	598.93	734.76	1328.69			
Number of applications on file .....						



TABLE NO. 2—PENETANGUISHENE.

Showing social state and religion of patients admitted during the year and since opening of Hospital

	Admissions of Year.			In residence Oct. 31, 1915.			Admissions since opening		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
<b>SOCIAL STATE.</b>									
Single.....	18	7	25	131	116	247	112	181	393
Married.....	3	6	9	33	88	121	70	162	232
Widowed.....		1	1					1	1
Divorced.....									
Separated.....									
Unascertained.....							7	7	14
Totals.....	21	14	35	164	204	368	289	351	640
<b>RELIGION.</b>									
Baptists.....		2	2	5	13	18	11	15	26
Congregationalists.....									
Church of England.....	2	3	5	25	55	80	58	86	144
Methodists.....	5	1	6	38	43	81	53	69	122
Presbyterians.....	1	2	3	18	19	37	38	54	92
Roman Catholics.....	7	2	9	47	43	90	69	81	150
Other Denominations.....	3	4	7	14	14	28	30	27	57
Unascertained.....	3		3	17	17	35	30	19	49
Totals.....	21	14	35	164	204	368	289	351	640

TABLE No. 3—PENETANGUISHENE.

Showing nativity of patients admitted during the year and since opening of Hospital.

Nativity.	Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Total Admissions.....	19	16	35	287	353	640
Total born in Canada.....	9	6	15	159	205	364
Armenia .....					1	1
Assyria .....					2	2
Austria .....	1		1	2		2
Australia.....						
Belgium.....						
Bulgaria .....						
Central America.....						
China .....						
Denmark .....					1	1
England.....	4	5	9	47	43	90
France .....				1	1	2
Finland .....	3	1	4	7	2	9
Galicia .....	1		1	1		1
Germany .....				5	5	10
Greece .....				1		1
Holland .....						
Hungary .....						
Ireland.....				20	46	66
Italy .....				4	1	5
Japan .....						
Macedonia.....				1		1
Other British Possessions .....						
Norway .....				1		1
Roumania .....						
Russia .....		1	1	4	4	8
Scotland .....		2	2	9	20	29
South America .....						
Spain .....						
Sweden .....				2	1	3
Turkey.....						
United States.....	1		1	8	6	14
West Indies .....						
Unascertained .....		1	1	15	15	30
Total.....	19	16	35	287	353	640

TABLE NO. 4—PENETANGUSHENE.

Showing the occupation of those admitted during the year and since the opening of the Hospital.

Occupation.	Admitted this Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Professional :— Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engineers Surveyors, etc.....				3		3
Commercial :— Bankers, Merchants, Accountants, Clerks, Salesmen Stenographers, Typewriters, etc. ....	1		1	4	1	5
Agricultural and Pastoral :— Farmers, Gardeners, Stockmen, etc.	3		3	66		66
Mechanics at Outdoor Vocations :— Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc. ....	1		1	22		22
Mechanics, etc., at Sedentary Voca- tions :— Shoemakers, Bookbinders, Com- positors, Weavers, Tailors, Seam- stresses, Bakers, Factory Workers, etc. ....				10	11	21
Domestic Service :— Waiters, Cooks, Servants, etc. ....		7	7		127	127
Education and Higher Domestic Duties :— Governesses, Teachers, Students, Housekeepers, Nurses, etc.....		4	4	6	128	134
Miners, Marine Engineers, Railway Em- ployees, Seamen, etc.....	2		2	2		2
Laborers .....	13		13	134	1	135
No Occupation .....	1	3	4	17	54	71
Unascertained .....				25	29	54
Totals .....	21	14	35	289	351	640



TABLE NO. 5—PENETANGUISHENE.

Showing the Counties and Districts from which patients have been admitted during the year,  
and since opening of Hospital.

Counties and Districts.	Admitted during year.			Admitted since opening.			Warrant cases.						Remaining in residence.		
							Admitted during year.			Admitted since opening.					
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Algoma District...	1	3	4	16	9	25	1	3	4	10	6	16	11	8	19
Brant .....				1	1	2							1	1	2
Bruce .....				1	5	6				1	3	4	1	4	5
Carleton .....				1	4	5				1	2	3	1	2	3
Dufferin .....					4	4					1	1		2	2
Dundas .....															
Durham .....				1	1	2									
Elgin .....				1	4	5				1	3	4	1	4	5
Essex .....					2	2					2	2		1	1
Frontenac .....					4	4				1	2	3		4	4
Glengarry .....															
Grenville .....															
Grey .....				14	5	19				11	4	15	8	3	11
Haldimand .....															
Halton .....				1	1	2									
Hastings .....	1		1	1	6	7	1		1	1	6	7	1	2	3
Huron .....				2	3	5				1		1	1	2	3
Kent .....															
Lambton .....				1	3	4				1	1	2		1	1
Lanark .....					1	1								1	1
Leeds .....				1	1	2					1	1		1	1
Lennox and Ad- dington .....				1	6	7					5	5		3	3
Lincoln .....				2	2	4				2	2	4			
Middlesex .....				5	8	13				4	4	8	1	2	3
Muskoka District..				12	10	22				9	7	16	7	6	13
Nipissing District.	1		1	8	6	14	1		1	9	4	13		3	3
Norfolk .....					3	3								2	2
Northumberland ..				5	10	15				2	4	6	2	7	9
Ontario .....	1		1	16	13	29	1		1	15	6	21	12	10	22
Oxford .....				2	2	4				2	1	3	1	1	2
Parry Sound Dis- trict .....	2		2	6	1	7	2		2	6		6	3		3
Peel .....				1	4	5					2	2	1	3	4
Perth .....				1	3	4				1	2	3		1	1
Peterborough .....	1		1	6	3	9	1		1	6	3	9	5	2	7
Prescott .....				2	1	3				1		1	2		2
Prince Edward ..															
Rainy River Dis- trict .....	1		1	8	3	11	1		1	8	3	11	5	1	6
Renfrew .....				1	3	4				2	1	3		3	3
Russell .....															
Simcoe .....	3	3	6	68	86	154	2	1	3	27	29	56	27	41	68
Stormont .....					1	1					1	1		1	1
Thunder Bay Dis- trict .....	3	2	5	7	7	14	3	2	5	7	7	14	6	3	9
Victoria .....				7	7	14				6	6	12	4	6	10
Waterloo .....				2	1	3				2	1	3		1	1
Welland .....					2	2				1		1		1	1
Wellington .....				3	3	6				1		1	2	3	5
Wentworth .....				7	2	9				2	2	4	5	2	7
York .....	6	6	12	62	100	162	5	5	10	52	54	106	44	63	107
Unascertained ...	1		1	16	10	26							12	3	15
Totals.....	21	14	35	289	351	640	18	11	29	210	184	394	164	204	368



TABLE No. 6—PENETANGUISENE.

Showing the assigned Causes of Insanity in the cases admitted during year.

Causes.	Men.	Women.	Total.	Inherited Predisposition.			Un-ascertained.
				Men.	Women.	Total.	
MORAL.							
Adverse Conditions (such as loss of friends, business troubles, etc.)....	1	1	2	.....	1	1	.....
Mental Strain, Worry and Overwork (not included in above).....	1	.....	1	.....	.....	.....	.....
Religious Excitement .....	.....	.....	.....	.....	.....	.....	.....
Love Affairs, including seduction.....	.....	.....	.....	.....	.....	.....	.....
Fright and Nervous Shock.....	1	.....	1	1	.....	1	.....
PHYSICAL.							
Alcoholism .....	3	2	5	.....	2	2	.....
Sexual Excess .....	.....	.....	.....	.....	.....	.....	.....
Venereal Diseases .....	.....	.....	.....	.....	.....	.....	.....
Masturbation .....	.....	.....	.....	.....	.....	.....	.....
Insolation .....	.....	.....	.....	.....	.....	.....	.....
Accident or Injury .....	1	.....	1	.....	.....	.....	.....
Pregnancy .....	.....	.....	.....	.....	.....	.....	.....
Parturition and Puerperium .....	.....	.....	.....	.....	.....	.....	.....
Lactation .....	.....	.....	.....	.....	.....	.....	.....
Climacteric Period .....	.....	.....	.....	.....	.....	.....	.....
Fevers .....	.....	.....	.....	.....	.....	.....	.....
Privation and Overwork .....	.....	1	1	.....	.....	.....	.....
Epilepsy .....	.....	2	2	.....	.....	.....	.....
Other Convulsive Diseases .....	.....	.....	.....	.....	.....	.....	.....
Diseases of Brain and Skull.....	.....	.....	.....	.....	.....	.....	.....
Senility .....	.....	2	2	.....	.....	.....	.....
Exophthalmic Goitre .....	.....	.....	.....	.....	.....	.....	.....
Epidemic Influenza .....	.....	.....	.....	.....	.....	.....	.....
Abuse of Drugs .....	.....	.....	.....	.....	.....	.....	.....
Loss of Special Sense .....	.....	.....	.....	.....	.....	.....	.....
Uræmia .....	.....	.....	.....	.....	.....	.....	.....
Other Auto-infection .....	.....	.....	.....	.....	.....	.....	.....
Other Bodily Diseases .....	.....	.....	.....	.....	.....	.....	.....
HEREDITARY.							
Congenital Defect .....	1	2	3	.....	1	1	.....
Unascertained .....	13	4	17	5	1	6	24
Not Insane .....	.....	.....	.....	.....	.....	.....	.....
Totals .....	21	14	35	6	5	11	24

TABLE No. 7—PENETANGUISHENE.

Showing hereditary tendency to insanity in patients admitted during the year and since the opening of the Hospital.

	Admitted During Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Paternal Branch .....	1	.....	1	24	32	56
Maternal Branch.....	2	2	4	17	29	46
Paternal and Maternal Branches.....	.....	.....	.....	5	7	12
Collateral Branches.....	2	1	3	20	21	41
No Hereditary Tendency.....	10	7	17	95	107	202
Unascertained .....	6	4	10	128	155	283
Totals .....	21	14	35	289	351	640

TABLE No. 8—PENETANGUISHENE.

Showing summary of Probational Discharges during the year.

	Male.	Female.	Total.
Number Granted Probational Discharge.....	.....	3	3
Discharged, Recovered.....	.....	.....	.....
"    Improved.....	.....	.....	.....
"    Unimproved.....	.....	.....	.....
Died .....	.....	.....	.....
Returned to Hospital .....	.....	2	2
Absent on Probation on October 31st, 1915.....	.....	1	1

TABLE No. 9—PENETANGUISHENE.

Showing the Causes of Death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<b>Specific Infectious Diseases:—</b>						
Typhoid Fever .....				1		1
Influenza .....		1	1		1	1
Cerebro-spinal Meningitis .....						
Diphtheria .....						
Erysipelas .....				1	2	3
Septicæmia .....					1	1
Dysentery .....					3	3
Syphilis .....						
Tuberculosis .....	5	2	7	11	9	20
<b>Constitutional Diseases:—</b>						
Rheumatism .....						
Arthritis Deformans .....						
Diabetes Mellitus .....				1	1	2
<b>Diseases of the Digestive System:—</b>						
Mouth, salivary glands .....						
Pharynx .....						
Tonsils .....		1	1		1	1
Æsophagus .....						
<b>Diseases of the Intestines:—</b>						
Diseases of the Liver .....				1	2	3
“ “ Pancreas .....				1		1
“ “ Peritoneum .....		1	1		2	2
<b>Diseases of the Respiratory System:—</b>						
Diseases of the Nose and Larynx. ....						
“ “ Bronchi .....					2	2
“ “ Lungs .....	4	2	6	7	5	12
“ “ Pleura .....				1		1
<b>Diseases of the Circulatory System:—</b>						
Diseases of the Pericardium. ....						
“ “ Heart .....	1		1	16	20	36
Arterio-sclerosis .....	2		2	2		2
Aneurism .....						
<b>Diseases of the Blood and Ductless Glands:—</b>						
Anæmia .....					1	1
Pernicious Anæmia .....				1	2	3
Leukæmia .....						
Exophthalmic Goitre .....					1	1
<b>Diseases of the Genito-Urinary System</b>	3		3	6	1	7
<i>Carried Forward</i> .....	15	7	22	49	54	103

TABLE No. 9—PENETANGUISHENE—*Continued.*

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	15	7	22	49	54	103
Diseases of the Nervous System:—						
Diseases of the Nerves .....					1	1
" " Spinal Cord .....	1		1	1		1
" " Meninges .....				1		1
Organic Diseases of the Brain:						
(Tumor, Abscess, Embolism,						
Thrombosis, Hæmorrhage and						
other gross lesions) .....	2		2	8	13	21
Functional Nervous Diseases:						
(Paralysis Agitans, Chorea,						
Eclampsia, Hysteria) .....						
Epilepsy .....				1	5	6
Mental Diseases:—						
Exhaustion of Acute Mental Dis-						
ease .....				1	2	3
Exhaustion of Chronic Mental						
Disease .....				4	4	8
General Paresis .....						
Intoxications:—						
Alcoholism .....						
Morphinism .....				1		1
Metallic Poisoning .....						
Heat Stroke .....						
Debility of Old Age .....				11	13	24
Accident .....					1	1
Suicide .....				1		1
Surgical Diseases .....					3	3
Gynæcological Diseases .....						
Malignant New Growths, or Cancer...					5	5
Totals .....	18	7	25	78	101	179



TABLE No. 10—PENETANGUISHENE.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Infection Psychoses:—									
(a) Fever Delirium .....	..	..	..	..	..	..	..	..	..
(b) Infection Delirium .....	..	..	..	..	..	..	..	..	..
(c) Post Infection Psychoses .....	..	..	..	..	..	..	..	..	..
Exhaustion Psychoses:—									
(a) Collapsed Delirium .....	..	..	..	..	..	..	..	..	..
(b) Acute Confusional Psychoses .....	..	..	..	..	..	..	..	..	..
(c) Neurasthenia .....	..	..	..	..	..	..	..	..	..
Intoxication Psychoses:—									
(a) Acute Intoxications .....	..	..	..	..	..	..	..	..	..
(b) Chronic “ .....	..	..	..	..	..	..	..	..	..
(a) Alcoholism (acute and chronic) ..	..	..	..	..	..	..	..	..	..
(b) Delirium Tremens .....	..	..	..	..	..	..	..	..	..
(c) Korsakow's Psychoses .....	..	..	..	..	..	..	..	..	..
(d) Acute Alcoholic Hallucinosiis .....	2	1	3	..	..	..	..	..	..
(e) Alcoholic Hallucinatory Dementia ..	..	..	..	..	..	..	..	..	..
(f) “ Paranoia .....	2	..	2	..	..	..	2	..	2
(g) “ Paresis .....	..	..	..	..	..	..	..	..	..
(h) Morphinism .....	..	..	..	..	..	..	..	..	..
(i) Cocainism .....	..	..	..	..	..	..	..	..	..
Thyroigenous Psychoses:—									
(a) Mixædematous Psychoses .....	..	..	..	..	..	..	..	..	..
(b) Cretinism .....	..	..	..	..	..	..	..	..	..
Dementia Præcox:—									
(a) Hebaphrenic .....	2	2	4	..	..	..	2	1	3
(b) Catatonic .....	3	1	4	..	..	..	3	..	3
(c) Paranoid .....	6	2	8	..	..	..	7	2	9
General Paresis .....	..	..	..	..	..	..	..	..	..
Organic Dementias:—									
(a) Cerebral Sclerosis .....	..	..	..	..	..	..	..	..	..
(b) Huntingdon's Chorea .....	..	..	..	..	..	..	..	..	..
(c) Multiple Sclerosis .....	..	..	..	..	..	..	..	..	..
(d) Cerebral Syphilis .....	1	..	1	..	..	..	..	..	..
(e) Tabetic Psychoses .....	..	..	..	..	..	..	..	..	..
(f) Arterio Sclerotic Psychoses .....	..	..	..	..	..	..	..	..	..
(g) Cerebral Tumor, Abscess, Hæmorrhage ..	..	..	..	..	..	..	..	..	..
Involution Psychoses:—									
(a) Melancholia .....	..	..	..	..	..	..	1	..	1
(b) Pre-senile Delusional Psychoses .....	..	..	..	..	..	..	..	..	..
(c) Senile Dementia .....	..	3	3	..	..	..	..	1	1
Manic Depressive Psychoses:—									
(a) Manic States .....	1	..	1	..	..	..	1	2	3
(b) Depressed States .....	1	1	2	..	..	..	2	..	2
(c) Mixed States .....	..	..	..	..	..	..	..	..	..
Carried Forward .....	18	10	28	..	..	..	18	6	24

TABLE No. 10—PENETANGUISHENE—*Continued.*

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	18	10	28	....	....	....	18	6	24
Paranoia .....	....	....	....	....	....	....	....	....	....
Psychoses from Constitutional Neuroses:—	....	....	....	....	....	....	....	....	....
(a) Epileptic Psychoses .....	....	....	....	....	....	....	....	....	....
(b) Hysterical Psychoses .....	....	....	....	....	....	....	....	....	....
(c) Sexualis Psychopathia .....	....	....	....	....	....	....	....	....	....
States of Deficient Mental Development:—	....	....	....	....	....	....	....	....	....
(a) Imbecility .....	3	4	7	....	....	....	....	1	1
(b) Idiocy .....	....	....	....	....	....	....	....	....	....
Not Diagnosed .....	....	....	....	....	....	....	....	....	....
Not Insane .....	....	....	....	....	....	....	....	....	....
Totals .....	21	14	35	....	....	....	18	7	25

TABLE No. 11—PENETANGUISHENE.

Periods.	Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on Oct. 31st, 1915.	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month.....	....	1	....	....	....	....
From 1 to 2 months.....	2	....	....	....	....	1
" 2 " 3 " .....	1	1	....	....	....	....
" 3 " 4 " .....	....	7	....	....	....	....
" 4 " 5 " .....	....	....	....	....	....	....
" 5 " 6 " .....	1	4	....	....	....	....
" 6 " 9 " .....	4	13	....	....	....	2
" 9 " 12 " .....	4	4	....	....	....	1
" 12 " 18 " .....	4	28	....	....	....	1
" 18 months to 2 years .....	4	28	....	....	....	1
" 2 to 3 years .....	4	44	....	....	....	1
" 3 " 4 " .....	1	33	....	....	....	....
" 4 " 5 " .....	1	27	....	....	....	....
" 5 " 10 " .....	5	12	....	....	....	9
" 10 " 15 " .....	1	61	....	....	....	9
" 15 " 20 " .....	2	51	....	....	....	....
" 20 years and upwards .....	1	54	....	....	....	....
Totals.....	53	368	....	....	....	25

## HOSPITAL FOR THE INSANE, TORONTO.

NOVEMBER 1ST, 1915.

To E. R. ROGERS, Esq., AND W. W. DUNLOP, Esq.,  
*Inspectors of Hospitals for Insane, etc.,*  
*Province of Ontario.*

SIRS,—In accordance with your request I have the honour to submit the Seventy-fifth annual report of this Hospital for the year ending October 31, 1915.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital .....	426	426	852			
In Residence October 31st, 1914.....				501	544	1,045
Admitted during year 1915 :						
By Warrant .....	59	17	76			
By Certificate.....	108	154	262	167	171	338
Total number under treatment during year .....				668	715	1,383
Discharges during year, minus deports :—						
As recovered .....	39	47	86			
" improved .....	37	45	82			
" unimproved .....	3	3	6			
" not insane.....		1	1			
Total number discharged during year ...	79	96	175			
Died .....	54	54	108			
Deported .....	3	4	7			
Eloped .....	6	3	9			
Transferred .....	8	14	22	150	171	321
Total remaining in Hospital Oct. 31st, 1915 .....				518	544	1,062

## REPORT OF THE RECEPTION HOSPITAL.

In residence—November 1st, 1914 .....	36
Admitted during year .....	526
Total number under treatment during year .....	562
Transferred from Reception Hospital to Toronto Hospital for Insane during year .....	105
Transferred to Mimico Hospital .....	5
" Hamilton Hospital .....	3
" Kingston Hospital .....	1
" Orillia Hospital .....	4
" London Hospital .....	2
" Homewood Sanatorium .....	2
" Woodstock Hospital .....	2
" House of Industry .....	2
" House of Providence .....	1
Discharged home .....	302
Remaining in Residence, October 31st, 1915 .....	33



A year ago the outlook for the Hospital appeared to be one of great promise both for the care of the patient and for scientific advancement. The staff in all its branches had been selected, and added to, with this object in view. When the call-to-arms was issued by our country, W. A. Ratcliffe was the first from the Hospital staff to respond. Since then, there has been a steady volunteering, and the following experienced and valued members in our employ have gone to the front:

Arthur Bullock.  
Frederick Cranston.  
Oliver Cummins.  
William Duncan.  
Douglas Duncan.  
Geo. Henderson.  
Donald McLean.  
Geo. Patterson.  
Thomas Rea.  
Ernest B. Ross.

George A. Williams.  
John Wood.  
Sidney Wood.  
Samuel Hutchinson.  
William D. Wilson.  
J. F. Marsh.  
Robert Archibald.  
William Rea.  
Albert Mitchell.

Later the need for medical men was announced and Drs. T. D. Cumberland and L. E. Williams volunteered as privates in the No. 2 Casualty Clearing Hospital, and as such they reached England, where they were given their Commissions in the R. A. M. C. and are now at work in the battlefields of France and Belgium aiding the wounded.

Dr. C. S. McVicar, a veteran from the Boer campaign, and Miss Lena Davis, Lady Superintendent of the Training School joined the University Military Hospital staff.

Their places on the Medical Staff have been kept vacant so that when the war is over they may return to their former positions.

The Hospital work is being carried on as best we can. The task is an arduous one, but not more so, than that of many other institutions which are in this way bearing their share of the country's struggle.

#### CHANGES ON THE STAFF.

Dr. Hugh A. McKay was promoted from this Hospital to take charge of the psychiatric work instituted by the Government in the Ontario Reformatory at Guelph. Dr. McKay had shown a keen interest in the clinical work here and was generally liked.

Dr. Claude A. McClenahan was transferred from Hamilton to this staff on the 8th of March, 1915.

Mr. James Corcoran who had been Bursar for several years and had reached a ripe old age in the service, passed away on the 12th of August, 1915. He was universally respected and liked as an upright and kind gentleman.

Mr. G. A. S. Edgar will succeed to the duties of Bursar on the 1st of November, 1915. He will come to this position with the advantage of having had years of experience in the business management of the Central Prison.



## TRAINING SCHOOL FOR NURSES.

Shortly before the close of the year Miss Davis was called to the University Military Hospital staff of nurses. She had finished her course of lectures and demonstrations. I was generally pleased with the high standing which the different candidates showed in their annual examinations. All the members in our final class succeeded in graduating. Following are the names:

Alice M. Adshead.

Letitia Dodds.

Susanna C. Campbell.

Mary Walker.

Beatrice S. Cobbett.

Thanking you, gentlemen, for your interest in the affairs of this Hospital, and for your advice and help,

I have the honour to be, Sirs,

Your obedient servant,

J. M. FORSTER,

*Medical Superintendent.*

**ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE  
HOSPITAL FOR INSANE, TORONTO, FOR THE YEAR  
ENDING OCTOBER 31st, 1915.**

TABLE No. 1—TORONTO.

Showing movements of patients in the Hospital for the official year ending October 31st, 1915.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital .....	426	426	852			
In Residence October 31st, 1914 .....				501	544	1,045
Admitted during year 1915:—						
By Warrant .....	59	17	76			
By Medical Certificate .....	108	154	262	167	171	338
Total number under treatment during year .....				668	715	1,383
Discharges during year, minus deports:—						
As recovered .....	39	47	86			
" improved .....	37	45	82			
" unimproved .....	3	3	6			
" not insane .....		1	1			
Total number discharged during year....	79	96	175			
Died .....	54	54	108			
Deported .....	3	4	7			
Eloped .....	6	3	9			
Transferred .....	8	14	22	150	171	321
Remaining in Hospital October 31st, 1915 ..				518	544	1,062
Total number admitted since opening of Hospital .....				6,391	6,139	12,530
Total number discharged since opening of Hospital .....	3,178	3,300	6,478			
Total number died since opening of Hospital .....	1,733	1,410	3,143			
Total number deported since opening of Hospital .....	111	43	154			
Total number eloped since opening of Hospital .....	153	24	177			
Total number transferred since opening of Hospital .....	698	818	1,516	5,873	5,595	11,468
Total remaining in Hospital October 31st, 1915 .....				518	544	1,062
Daily average population .....	501	522	1,023			
Collective day's stay of all patients in residence during year .....	182,865	190,530	373,395			
Number of applications on fyle .....	12	8	20			

TABLE No. 2—TORONTO.

Showing Social State and Religion of Patients admitted during the year and since the opening of the Hospital.

	Admissions of Year.			In residence Oct. 31, 1915.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
<b>SOCIAL STATE.</b>									
Single.....	90	72	162	333	277	610	3,415	2,416	5,831
Married .....	71	79	150	149	197	346	2,885	3,564	6,449
Widowed .....	6	20	26	22	66	88	62	148	210
Divorced .....							1	1	2
Separated .....									
Unascertained .....				14	4	18	28	10	38
Totals .....	167	171	338	518	544	1,062	6,391	6,139	12,530
<b>RELIGION.</b>									
Baptists .....	4	12	16	8	21	29	170	190	360
Congregationalists .....	1	2	3	3	10	13	61	87	149
Church of England .....	42	36	78	136	142	278	1,832	1,682	3,514
Methodists .....	12	31	43	100	97	197	1,174	1,223	2,397
Presbyterians .....	22	27	49	86	115	201	1,313	1,299	2,612
Roman Catholics .....	30	21	51	94	85	179	1,146	1,078	2,224
Other Denominations ....	22	15	37	55	45	100	473	440	913
Unascertained .....	34	27	61	36	29	65	221	140	361
Totals .....	167	171	338	518	544	1,062	6,391	6,131	12,530

TABLE No. 3—TORONTO.

Showing nativity of patients admitted during the year and since opening of Hospital.

Nativity.	Admissions of Year.			Admissions since opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Total Admissions .....	167	171	338	6,392	6,139	12,530
Total born in Canada .....	71	79	150	2,796	2,849	5,645
Armenia .....						
Assyria .....				2		2
Austria .....	1	1	2	11	6	17
Australia .....	2		2	2		2
Belgium .....						
Bulgaria .....	3		3	6		6
Central America .....						
China .....				3		3
Denmark .....				1		1
England .....	43	46	89	1,248	1,070	2,318
France .....				1	2	3
Finland .....	2	1	3	6	5	11
Galicia .....						
Germany .....	2		2	11	7	18
Greece .....				2		2
Holland .....				1		1
Hungary .....						
Ireland .....	6	15	21	1,185	1,214	2,399
Italy .....	1	1	2	18	1	19
Japan .....						
Macedonia .....	5		5	7		7
Other British Possessions .....		3	3	6	7	13
Norway .....	1		1	1	2	3
Roumania .....				1	4	5
Russia .....	9	6	15	31	27	58
Scotland .....	7	8	15	602	527	1,129
South America .....				1		1
Spain .....						
Sweden .....		1	1	1	3	4
Turkey .....	1		1	1		1
United States .....	7	5	12	212	233	450
West Indies .....	1	2	3	4	4	8
Unascertained .....	5	3	8	231	173	404
Totals .....	167	171	338	6,391	6,139	12,530



TABLE No. 4—TORONTO.

Showing the occupation of those admitted during the year and since the opening of the Hospital.

Occupation.	Admitted this Year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
Professional:—						
Clergy, Military and Naval Officers, Physicians, Lawyers, Architects, Artists, Authors, Civil Engineers, Surveyors, etc. ....	4	.....	4	263	15	278
Commercial:—						
Bankers, Merchants, Accountants, Clerks, Salesmen, Stenographers, Typewriters, etc. ....	27	8	35	779	91	870
Agricultural and Pastoral:—						
Farmers, Gardeners, Stock Men, etc.	7	.....	7	1,441	.....	1,441
Mechanics at Outdoor Vocations:—						
Railway and Stationary Engineers, Blacksmiths, Carpenters, Engine Fitters, Sawyers, Painters, Police, etc. ....	24	.....	24	652	1	653
Mechanics, etc., at Sedentary Vocations:—						
Shoemakers, Bookbinders, Compositors, Weavers, Tailors, Seamstresses, Bakers, Factory Workers, etc. ....	17	13	30	546	315	861
Domestic Service:—						
Waiters, Cooks, Servants, etc. .	7	20	27	81	1,398	1,479
Education and Higher Domestic Duties:						
Governesses, Teachers, Students, Housekeepers, Nurses, etc. ....	2	90	92	242	3,259	3,501
Miners, Marine Engineers, Railway Employees, Seamen, etc. ....	2	.....	2	147	2	149
Laborers.....	58	.....	58	1,647	.....	1,647
No Occupation .....	16	40	56	251	673	924
Unascertained .....	3	.....	3	342	385	727
Totals .....	167	171	338	6,391	6,139	12,530

TABLE No. 5—TORONTO.

Showing the Counties and Districts from which patients have been admitted during the year,  
and since opening of Hospital.

Counties and Districts.	Admitted during year.			Admitted since opening.			Warrant cases.						Remaining in residence.		
							Admitted during year.			Admitted since opening.					
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Algoma District...				14	18	32				6	1	7	2	4	6
Brant .....				49	60	109				2	3	5	1	1	1
Bruce .....				26	15	41				5	...	5	1	2	3
Carleton .....				81	66	147				12	2	14	1	...	1
Dufferin .....				8	10	18				3	1	4	1	1	2
Dundas .....				17	13	33				3	1	4	...	...	...
Durham .....				173	164	337				34	17	51	7	5	12
Elgin .....				33	25	58				1	...	1	1	1	2
Essex .....				18	16	34				2	3	5	1	...	1
Frontenac .....				104	75	179				23	13	36	...	1	1
Glengarry .....				30	21	51				4	2	6	1	...	1
Grenville .....				19	17	36				5	1	6	1	...	1
Grey .....				120	95	215				58	17	75	2	1	3
Haldimand .....				26	26	52				5	1	6	...	...	...
Halton .....				83	66	149				6	2	8	...	2	2
Hastings .....				116	89	205				53	27	80	2	...	2
Huron .....	2		2	67	60	127				4	1	5	4	3	7
Kent .....				26	23	49				6	2	8	...	...	...
Lambton .....				30	24	54				3	2	5	1	1	2
Lanark .....				51	43	94				10	6	16	...	...	...
Leeds .....				41	36	77				6	4	10	1	...	1
Lennox and Ad- dington .....				26	21	47				12	1	13	1	...	1
Lincoln .....				101	85	186				14	10	24	...	1	1
Middlesex .....				83	79	162				1	...	1	1	...	1
Muskoka District..	1		1	21	20	41				3	2	5	...	2	2
Nipissing District.				7	6	13				1	2	3	1	1	2
Norfolk .....				19	21	40				...	...	...	...	...	...
Northumberland ..				149	141	290				29	11	40	5	4	9
Ontario .....	1		1	199	181	380				65	30	95	10	6	16
Oxford .....				39	40	79				4	5	9	3	2	5
Parry Sound Dis- trict .....		1	1	1	4	5				...	...	...	1	2	3
Peel .....				129	129	258				31	10	41	2	6	8
Perth .....				50	50	100				7	...	7	...	...	...
Peterborough .....				103	99	202				44	15	59	7	1	8
Prescott .....				21	22	43				3	1	...	...	...	...
Prince Edward....				26	29	55				3	...	3	...	1	1
Rainy River Dis- trict .....				5	4	9				4	2	6	...	...	...
Renfrew .....				4	11	15				...	...	...	1	...	1
Russell .....				12	10	22				2	1	3	...	...	...
Simcoe .....				77	70	147				26	12	38	7	7	14
Stormont .....				49	35	84				6	3	9	1	1	2
Thunder Bay Dis- trict .....	1		1	2	3	5				...	...	...	2	...	2
Victoria .....				143	146	289				52	26	78	4	2	6
Waterloo .....	1		1	54	55	109				10	4	14	4	3	7
Welland .....				51	51	102				6	4	10	1	4	5
Wellington .....				151	152	303				14	4	18	2	3	5
Wentworth .....				237	211	448				39	9	48	3	2	5
York .....	161	170	331	3,348	3,453	6,801	59	17	76	1,199	667	1,866	433	473	906
Unascertained .....				152	45	197				87	14	101	2	...	2
Manitoba .....				...	1	1				...	...	...	1	1	2
Totals .....	167	171	338	6,391	6,139	12,530	59	17	76	1,913	939	2,852	518	544	1062

TABLE No. 6—TORONTO.

Showing the assigned causes of insanity in the cases admitted during year.

Causes.	Men.	Women.	Total.	Inherited Predisposition.			Un-ascertained.
				Men.	Women.	Total.	
MORAL.							
Adverse Conditions (such as loss of friends, business troubles, etc.).....							
Mental Strain, Worry and Overwork (not included in above) .....							
Religious Excitement .....							
Love affairs, including seduction .....							
Fright and Nervous Shock .....							
PHYSICAL.							
Alcoholism .....	14	3	17				
Sexual Excess.....							
Venereal Diseases .....							
Masturbation .....							
Insolation .....							
Accident or Injury .....							
Pregnancy.....							
Parturition and Puerperium .....							
Lactation.....							
Climacteric Period .....							
Fevers .....							
Privation and Overwork.....							
Epilepsy .....	5	4	9				
Other Convulsive Diseases.....							
Diseases of Brain and Skull .....							
Senility .....	12	18	30				
Exophthalmic Goitre.....							
Epidemic Influenza.....							
Abuse of Drugs .....							
Loss of Special Sense .....							
Uræmia .....							
Other Auto-infection .....							
Other Bodily Diseases .....							
HEREDITARY.							
Congenital Defect .....	10	20	30	10	20	30	
Unascertained .....	126	125	251	157	150	307	
Not Insane .....		1	1		1	1	
Totals.....	167	171	338	167	171	338	

TABLE No. 7—TORONTO.

Showing hereditary tendency to insanity in patients admitted during the year.

	Admitted During Year.		
	Male.	Female.	Total.
Paternal Branch .....	4	5	9
Maternal Branch .....	5	8	13
Paternal and Maternal Branches .....	1	4	5
Collateral Branches .....		3	3
No Hereditary Tendency .....			
Unascertained .....	157	151	308
Totals .....	167	171	338

TABLE No. 8—TORONTO.

Showing summary of Probational discharges during the year.

	Male.	Female.	Total.
Number granted probational discharge .....	61	112	173
Discharged, recovered while on probation .....	14	32	46
“ improved “ “ .....	19	27	46
“ unimproved “ “ .....		1	1
Not insane .....		1	1
Died .....			
Transferred .....		1	1
Returned to Hospital .....	19	30	49
Absent on probation on Oct. 31st, 1915 .....	9	20	29
	61	112	173



TABLE No. 9—TORONTO.

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<b>Specific Infectious Diseases:—</b>						
Typhoid Fever .....		1	1	1	2	3
Influenza .....				2	3	5
Cerebro-spinal Meningitis .....						
Diphtheria .....					1	1
Erysipelas .....				2	4	6
Septicæmia .....	1		1	3	11	14
Dysentery .....	1		1	6	4	10
Syphilis .....	1		1	2	1	3
Tuberculosis .....	5	5	10	47	83	130
Toxemia .....				1	1	2
Carbuncle .....	1		1	1		1
<b>Constitutional Diseases:—</b>						
Rheumatism .....						
Arthritis Deformans .....						
Diabetes Mellitus .....				1	2	3
Stomach .....					1	1
<b>Diseases of the Digestive System:—</b>						
Mouth, Salivary glands .....						
Pharynx .....						
Tonsils .....						
Œsophagus .....				1		1
Gastric ulcer .....		1	1		1	1
<b>Diseases of the Intestines:—</b>						
Diseases of the Liver .....		1	1	8	9	17
“ “ Pancreas .....		1	1	3	2	5
“ “ Peritoneum .....	1	2	3	4	7	11
<b>Diseases of the Respiratory System:—</b>						
Diseases of the Nose and Larynx .....						
“ “ Bronchi .....				3	5	8
“ “ Lungs .....				32	37	69
“ “ Pleura .....	3	3	6	8	4	12
<b>Diseases of the Circulatory System:—</b>						
Diseases of the Pericardium .....				1	2	3
“ “ Heart .....	3	3	6	53	47	100
Arterio-sclerosis .....	1	2	3	21	7	28
Aneurism .....				1		1
<b>Diseases of the Blood and Ductless Glands:—</b>						
Anæmia .....				1	1	2
Pernicious Anæmia .....				3		3
Leucæmia .....						
Exophthalmic Goitre .....					1	1
<b>Diseases of the Genito-Urinary System</b>	1	3	4	13	12	25
Kidney .....				3		3
<i>Carried Forward</i> .....	18	22	40	221	248	469

TABLE No. 9—TORONTO—*Continued.*

Showing the causes of death of patients who died during the year and since the opening of the Hospital.

Cause of Death.	Died during year.			Since Opening.		
	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	18	22	40	221	248	469
Diseases of the Nervous System:—						
Diseases of the Nerves .....				2	1	3
“     “     Spinal Cord .....				2	1	3
“     “     Meninges .....				1	.....	1
Organic Diseases of the Brain, (Tumor, Abscess, Embolism, Thrombosis, Hæmorrhage, and other gross lesions) .....	1	.....	1	21	15	36
Functional Nervous Diseases, (Paralysis Agitans, Chorea Eclampsia, Hysteria) .....	1	2	3	1	.....	1
Epilepsy .....	1	2	3	25	25	50
Mental Diseases:						
Exhaustion of Acute Mental Dis- ease .....		10	10	21	39	60
Exhaustion of Chronic Mental Disease .....		.....	.....	8	6	14
General Paresis .....	20	5	25	179	21	200
Intoxications:—						
Alcoholism .....				2	.....	2
Morphinism .....				2	.....	2
Metallic Poisoning .....				.....	.....	.....
Heat Stroke .....				.....	.....	.....
Debility of Old Age .....	13	11	24	73	75	148
Accident .....				1	3	4
Suicide .....	1	.....	1	9	5	14
Surgical Diseases .....						
Gynæcological Diseases .....					10	16
Malignant New Growths, or Cancer ..		4	4	6	3	3
Pellagra .....				.....	.....	.....
Totals .....	54	54	108	574	452	1,026
Unclassified .....				1,159	958	2,117
				1,733	1,410	3,143

TABLE No. 10—TORONTO.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
Infection Psychoses:—									
(a) Fever Delirium .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Infection Delirium .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(c) Post Infection Psychoses .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Exhaustion Psychoses:—									
(a) Collapsed Delirium .....	3	8	11	1	1	2	.....	3	3
(b) Acute Confusional Psychoses .....	.....	.....	.....	4	1	5	.....	.....	.....
(c) Neurasthenia .....	2	1	3	2	1	3	.....	.....	.....
Psychothenia .....	1	.....	1	.....	.....	.....	.....	.....	.....
Intoxication Psychoses:—									
(a) Acute Intoxications .....	11	2	13	5	1	6	1	.....	1
(b) Chronic " .....	.....	1	1	.....	.....	.....	.....	.....	.....
(a) Alcoholism (acute and chronic) ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Delirium Tremens .....	2	.....	2	1	.....	1	.....	.....	.....
(c) Korsakow's Psychoses .....	1	.....	1	.....	.....	.....	1	.....	1
(d) Acute Alcoholic Hallucinosiis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(e) Alcoholic Hallucinatory Dementia ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
(f) " Paranoia .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(g) " Paresis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(h) Morphinism .....	1	.....	1	1	.....	1	.....	.....	.....
(i) Cocainism .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Thyroigenous Psychoses:—									
(a) Mixedematous Psychoses .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Cretinism .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dementia Præcox:—									
(a) Hebaphrenic .....	18	24	42	8	4	12	3	3	6
(b) Catatonic .....	32	42	74	13	22	35	4	12	16
(c) Paranoid .....	16	15	31	2	10	12	3	.....	3
General Paresis: .....	26	6	32	4	2	6	21	5	26
Organic Dementias:—									
(a) Cerebral Sclerosis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(b) Huntingdon's Chorea .....	1	.....	1	.....	.....	.....	.....	.....	.....
(c) Multiple Sclerosis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(d) Cerebral Syphilis .....	.....	.....	.....	.....	.....	.....	1	.....	1
(e) Tabetic Psychosis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
(f) Arterio Sclerotic Psychosis .....	2	.....	2	1	1	2	.....	.....	.....
(g) Cerebral Tumor, Abscess, Hæmorrhage.	.....	1	1	.....	.....	.....	.....	.....	.....
Involution Psychoses:—									
(a) Melancholia .....	8	6	14	1	12	13	.....	4	4
(b) Pre-senile Delusional Psychosis ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
(c) Senile Dementia .....	12	18	30	3	6	9	16	17	33
Manic Depressive Psychosis:—									
(a) Manic States .....	6	19	25	14	23	37	1	6	7
(b) Depressed States .....	16	13	29	16	11	27	.....	.....	.....
(c) Mixed States .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Paranoia: .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carried Forward .....	158	156	314	76	95	171	51	50	101



TABLE No. 10—TORONTO—Continued.

Showing form of mental disease of patients admitted, discharged and died during the year.

Mental Disease.	Admitted.			Discharged.			Died.		
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.
<i>Brought Forward</i> .....	158	156	314	76	95	171	51	50	101
Psychoses from Constitutional Neuroses:—									
(a) Epileptic Psychoses .....	5	4	9	4	1	5	2	2	4
Post apoplectic .....	1	....	1	....	....	....	....	....	....
(b) Hysterical Psychoses .....	....	....	....	....	....	....	....	....	....
(c) Sexualis Psychopathia .....	....	....	....	....	....	....	....	....	....
Traumatic psychosis .....	....	1	1	....	1	1	....	....	....
States of Deficient Mental Development:—									
(a) Imbecility .....	3	2	5	2	2	4	1	....	1
(b) Idiocy .....	....	....	....	....	....	....	....	....	....
Not Diagnosed .....	....	7	7	....	....	....	....	2	2
Not Insane .....	....	1	1	....	1	1	....	....	....
Total .....	167	171	338	82	100	182	54	54	108

TABLE No. 11—TORONTO.

Periods.		Alleged duration of insanity prior to admission.	Length of residence of those remaining in Hospital on Oct. 31st 1915.	Periods of treatment of those who were discharged recovered during the year.	Periods of treatment of those who were discharged improved during the year.	Periods of treatment of those who were discharged unimproved during the year.	Periods of treatment of those who died during the year.
Under 1 month.....	52	18	7	6	2	25	
From 1 to 2 months.....	55	27	10	8	.....	6	
" 2 " 3 ".....	40	25	6	4	1	2	
" 3 " 4 ".....	41	18	12	10	.....	4	
" 4 " 5 ".....	26	12	8	9	.....	5	
" 5 " 6 ".....	31	12	7	8	.....	1	
" 6 " 9 ".....	15	55	14	16	1	11	
" 9 " 12 ".....	14	12	7	10	.....	6	
" 12 " 18 ".....	17	24	8	4	.....	5	
" 18 months to 2 years.....	14	97	1	.....	.....	6	
" 2 to 3 years.....	12	88	6	2	1	5	
" 3 " 4 ".....	2	75	.....	1	1	6	
" 4 " 5 ".....	5	70	1	.....	.....	3	
" 5 " 10 ".....	14	198	1	3	.....	9	
" 10 " 15 ".....	.....	105	.....	4	.....	4	
" 15 " 20 ".....	.....	83	.....	1	.....	3	
" 20 years and upwards.....	.....	143	.....	.....	.....	7	
Totals.....	338	1,062	88*	86†	6	108	

\*Includes 2 deported. †Includes 4 deported.



ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE  
HOMWOOD SANITARIUM, GUELPH, FOR THE YEAR  
ENDING OCTOBER 31st, 1915.

VOLUNTARY BRANCH.

TABLE No. 1.

Showing movements of patients in the Hospital for the official year ending October 31st, 1915.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital (both branches) ....	70	70	140			
In Residence October 31st, 1914 .....				34	18	52
Admitted during year 1915:						
By Warrant .....						
By Medical Certificate .....	87	51	138	87	51	138
Total number under treatment during year.. .....				121	69	190
Discharges during year:						
As recovered .....	33	12	45			
" improved .....	45	24	69			
" unimproved .....	11	9	20			
" not insane .....						
Total number discharged during year...	89	45	134			
Died .....	4	2	6			
Deported .....						
Eloped .....	1		1			
Transferred .....	3	1	4	97	48	145
Remaining in Hospital October 31st, 1915 .....				24	21	45
Total number admitted since opening of Hospital .....				1,544	585	2,129
Total number discharged since opening of Hospital .....	1,422	525	1,947			
Total number died since opening of Hospital .....	44	16	60			
Total number deported since opening of Hospital .....						
Total number eloped since opening of Hospital .....	31	3	34			
Total number transferred since opening of Hospital .....	23	20	43	1,520	564	2,084
Total remaining in Hospital October 31st, 1915 .....				24	21	45
Daily average population (both branches) for year ending Dec. 31st, 1915 .....	98.65					
Collective days' stay of all patients in residence during year .....						
Number of applications on file .....						

ANNUAL STATISTICAL REPORT OF THE OPERATIONS OF THE  
HOMEWOOD SANITARIUM, GUELPH, FOR THE YEAR  
ENDING OCTOBER 31st, 1915.

INSANE BRANCH.

TABLE No. 1.

Showing movements of patients in the Hospital for the official year ending October 31st, 1915.

	Male.	Female.	Total.	Male.	Female.	Total.
Capacity of Hospital (both branches).....	70	70	140			
In-Residence October 31st, 1914.....				18	43	61
Admitted during year 1915:						
By Warrant.....						
By Medical Certificate.....	36	34	70	36	34	70
Total number under treatment during year .....				54	77	131
Discharges during year:						
As recovered .....	6	13	19			
" improved .....	14	9	23			
" unimproved .....	6	7	13			
" not insane.....						
Total number discharged during year....	26	29	55			
Died.....	5	2	7			
Deported .....						
Eloped .....	2		2			
Transferred .....	4	4	8	37	35	72
Remaining in Hospital October 31st, 1915.....				17	42	59
Total number admitted since opening of Hospital.....				526	523	1,049
Total number discharged since opening of Hospital.....	379	383	762			
Total number died since opening of Hospital.....	69	40	109			
Total number deported since opening of Hospital.....						
Total number eloped since opening of Hospital.....	5	2	7			
Total number transferred since opening of Hospital.....	56	56	112	509	481	990
Total remaining in Hospital October 31st, 1915.....				17	42	59
Daily average population (both branches) for year ending Dec. 31st, 1915 ....	98.65					
Collective days' stay of all patients in residence during year .....						
Number of applications on fyle.....						







